PUTTY SPREADER No. P17

GLASS CUTTER All Aluminum No. G1

PUTTY KNIFE No. P23

GLAZIER'S POINTS No. 1

BURN OFF KNIFE No. P25

GLASS CUTTER All Aluminum No. G5

GAUGE GLASS CUTTER No. [illegible]0

GLASS CUTTER No. O24

GLASS CUTTER No. O31

No. 386 CIRCLE GLASS CUTTER

GLASS CUTTER No. O32

POINT DRIVER No. PD1

GLASS CUTTER All Aluminum No. G2

CIRCLE SWEEP GLASS CUTTER No. 263

GLASS CUTTER No. O23

PUTTY SPREADER No. P19

TILE CUTTER No. 508

Red Devil

CATALOG NO. 19

GLASS CUTTERS • GLAZIERS' POINTS • POINT DRIVERS • PUTTY KNIVES • GLASS PLIERS • WOOD SCRAPERS • ELECTRIC PAINT CONDITIONERS • ELECTRIC FLOOR SANDERS AND EDGERS • ELECTRIC FLOOR POLISHERS • SANDPAPER • ELECTRIC FENCERS • AXE AND HAMMER WEDGES • PAINTERS', GLAZIERS', PAPER HANGERS' TOOLS • REDDY TEES • POT CLEANERS • ARMATURE LATHE • AIRFILTER REFILLS

RED DEVIL TOOLS. **Irvington 11, N. J.**

Since 1872

GLASS CUTTER All Aluminum No. G8

GLASS CUTTER No. 45

PUTTY KNIFE No. P1

PUTTY SPREADER No. P15

GLASS CUTTER No. O8

No. 20 TRIANGLE POINTS

FLOOR POLISHER NO. FP1

GLAZIER'S HAMMER No. 8

WOOD SCRAPER No. 8

SAND PAPER No. 24

WOOD SCRAPER No. 40

No. 9 SAND PAPER HOLDER

WOOD SCRAPER No. 4

No. 1½-2½ SCRAPER BLADES

WOOD SCRAPER No. 50

WOOD SCRAPER No. 0

WOOD SCRAPER No. 18

WOOD SCRAPER No. 12

GLASS PLIER No. 410

GLASS PLIER No. 310

GLASS PLIER No. 510

GLASS PLIER No. 511

GLASS PLIER No. 210

No. 31 PORTABLE PAINT MIXER

PAINT HOOK No. PH1

No. 33 PAINT CONDITIONER

No. PT1 PAINT TRAY

No. 34 PAINT CONDITIONER

ROLLER STIPPLER No. RS1

No. 30 PAINT CONDITIONER

ROLLER PAINTER No. 89

STRAIGHT EDGE No. SE1

No. T1 WALL PAPER TRIMMER

PAPERHANGERS KNIFE No. K1

LINOLEUM KNIFE No. K23

SEAM ROLLER No. R1

GLASS DRILL No. 416

CASING WHEEL KNIFE No. SW21½

MASONRY DRILL No. M1

RAZOR BLADE HOLDER No. 13

BALL POT CLEANERS

No. RT1 REDDY TEES

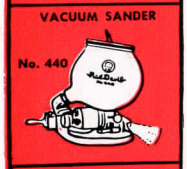
No. 5 GRADY WEDGES

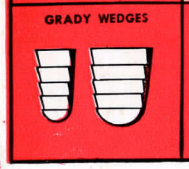
No. 440 FLOOR SANDER

No. EF2 ELECTRIC FENCER

FLOOR SANDER No. 444

No. EF1 ELECTRIC FENCER





Red Devil does it again— These post war engineering wows put past Fencer performance in the past tense . . .

At long last!

RED DEVIL No. EF2
Combination
BATTERY and HIGH LINE
ELECTRIC FENCER

Switch from high line to battery at will. High voltage with low amperage makes for more efficient control of live stock by means of a single wire fence — without physical or mental harm to livestock or humans.

Comes completely packaged in strong carton including all necessary equipment and instruction sheet and diagram.

This is a really SHOCKING STORY

Yes, RED DEVIL does it again. The exclusive INTERMITTENT SHOCK—with safety—that made the EF1 the most popular battery operated ELECTRIC FENCER, has now been perfected for high line operation.

The NEW EF2 can be instantly switched from high line to battery operation should power line fail or if transferred to remote locations.

The INTERMITTENT SHOCK is timed like a pulse beat—it greatly increases the effectiveness of the shock while eliminating the dangers of steady shock. This on-off, on-off action is controlled by a new "wheel" type contact (the only moving part). Current is only used instantaneously—centrifugal force does most of the work, making *Red Devil* FENCERS the least expensive to operate.

Strong glass top is sealed to prevent tampering and bar elements. No radio interference. Nothing to oil or grease.

Remember dealers who stock fencers are bound to sell wire, fence posts and lots of other equipment — so write for further facts.

A Product of

Red Devil Tools.

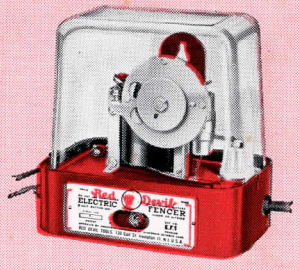
Since 1872

IRVINGTON 11, N. J., U. S. A.

For Safety Sake!

RED DEVIL No. EF1
Battery operated
ELECTRIC FENCER

A real "juice miser." Uses any 6 volt hot shot battery. Absolutely safe. Ideal for remote pastures, or where power is not available. Shipped complete in strong carton including all necessary accessories (except battery), instructions and diagram.



Reprinted from Hardware and Farm Papers

CATALOG NO. NINETEEN

Red Devil

GLASS CUTTERS • GLAZIERS' POINTS
CIRCLE CUTTERS • POT CLEANERS
GLASS PLIERS • WOOD SCRAPERS
ROLLER PAINTERS AND ROLLER
STIPPLERS • PAINT TRAYS • WALL
SCRAPERS • PUTTY KNIVES • ELECTRIC
FENCERS • ELECTRIC PAINT CONDI-
TIONERS • PAINTERS' AND GLAZIERS'
TOOLS • FLOOR SANDING MACHINES
AXE AND HAMMER WEDGES • AIR
FILTER REFILLS • REDDY TEES
ARMATURE LATHES • FLOOR POLISHER
WALLPAPER TRIMMERS • STRAIGHT EDGES

GENERAL INFORMATION

All goods are manufactured and shipped F. O. B., Irvington, New Jersey, U. S. A., unless otherwise stated. Ask for current net price sheet applying to this catalog.

We do not carry stock elsewhere but distribute through the legitimate wholesale trade throughout the United States and Canada and through our own representatives in all foreign countries.

Free Sales Helps—Attractive Folders, Window Posters, Counter Displays and Loose Leaf Catalog Pages are available. Also electrotypes of all products for reproduction in catalogs and printed matter.

Red Devil Tools are guaranteed to be free from defects and to work perfectly.

We believe our position as the largest manufacturers of glass cutters, glaziers' points, woodscrapers, wedges and paint conditioners is due to 1st—quality; 2nd—service, and 3rd—salability of our products; and we are continuing to devote our best efforts to improvements in these directions. Make us your regular source of supply, taking advantage of our combined shipments on all glaziers' and painters' sundries, electric fencers, pot cleaners, etc.

This catalog supersedes current catalog No. 18

Please see page 2 for General Index

Red Devil Tools.

IRVINGTON · NEW JERSEY · U. S. A.

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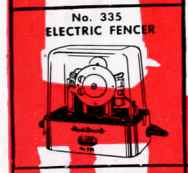

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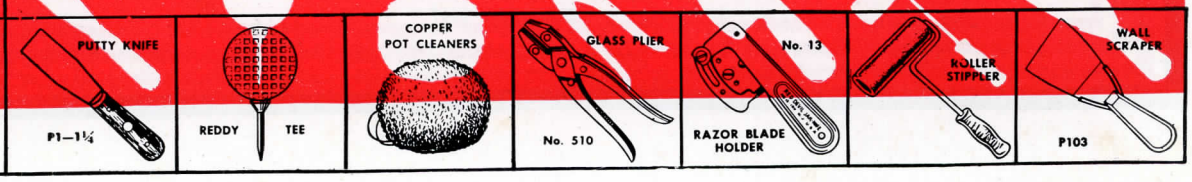


PRINTED IN U. S. A.

PRODUCED BY LEE-STOCKMAN, INC., NEW YORK

FEATURES YOU'LL APPRECIATE IN THE EXCLUSIVE

IT'S NEW

All Aluminum

Red Devil

GLASS CUTTERS

RED DEVIL ALL ALUMINUM GLASS CUTTERS COME IN THE FOLLOWING MODELS

G 1 Ball Handle, pg. 4

G 2 Straight Handle, pg. 4

G 5 Turret Head, pg. 7

G 8 Refill Wheel, pg. 9

Now you can stock and SELL the sensational new Red Devil All Aluminum Glass Cutters in the four top selling models. A lighter, easier cutting, rustproof Glass Cutter for every job. Nationally advertised to increase your sales.

LIGHTER WEIGHT The new Red Devil All-Aluminum Glass Cutters are as light in the hand as a lead pencil, and as easy to use. The man who cuts a lot of glass will appreciate this lighter weight.

ENTIRELY RUSTPROOF The new light weight plus the famous Red Devil wheel makes cutting glass half the work it used to be. Feather touch cutting is simple with Red Devil's new All-Aluminum Glass Cutters.

MORE SENSITIVE TO THE TOUCH Easier to guide, easier to handle, the lightest touch of the fingers is immediately transmitted to the cutting wheel of the new All-Aluminum Red Devil Glass Cutters.

EFFORTLESS CUTTING No liquid preservatives or special wrapping required. The Red Devil All-Aluminum Glass Cutters won't rust in transit, won't rust in the kit, won't rust in use.

FAMOUS RED DEVIL WHEEL ASSURES KEEN CUTS

ALLOY STEEL WHEEL The same special alloy steel wheel that has made the Red Devil Glass Cutters the "Standard of the World."

EDGING and HONING of this wheel are developed under a special Red Devil process to insure a uniformly smooth cutting wheel that needs no breaking in.

EXCLUSIVE CHAPMANIZING PROCESS Electrically hardened by the exclusive Chapmanizing Process, the famous Red Devil Alloy steel wheel takes a keen cutting edge AND KEEPS IT for job after job.

OVERSIZE BRONZE BEARING affords a smooth, even cutting-run that is easier on the operator and insures more efficient cutting.

Red Devil

G 1 All Aluminum GLASS CUTTERS

IT'S NEW

No. G 1

Companion piece to the World's Standard line of Red Devil Glass Cutters, the new G 1 All Aluminum Glass Cutter, makes cutting glass as effortless as using a lead pencil. Same famous ball knob, finger fitting, handle as our No. 023, developed for cutting all types of glass where tapping is advisable. Fully rustproof, the new G I All Aluminum Glass Cutter won't rust in transit, won't rust in the kit, won't rust in use.

QUALITY FEATURES

No. G 1 - overall length 5" - Red Devil All Aluminum, standard design, easy finger rest handle - long reach head. Pre-greased, oversize bronze bearing.

Use RED DEVIL No. 242 Wheel (see page 12).

RED DEVIL NO. G 1 - 12 IN OPEN TYPE DISPLAY. 5 GROSS IN A CASE. SHIPPING WEIGHT 28 LBS.

Red Devil

G 2 All Aluminum GLASS CUTTERS

IT'S NEW

No. G 2

Now made entirely of aluminum, except for the wheel, this famous Red Devil glass cutter is designed for all sheet and general glass cutting. Same design as No. 024, the most popular and best selling glass cutter ever manufactured. The new light weight of its All-Aluminum construction, makes it doubly popular with professional glaziers. Won't rust in transit, won't rust in the kit, won't rust in use.

QUALITY FEATURES

No. G 2 - All aluminum construction. Overall length 5" - RED DEVIL standard design easy finger rest handle - long reach head - red handle. - Hard, smooth, oversize bronze bearing, pre-greased.

Uses RED DEVIL No. 242 wheel (see page 12).

RED DEVIL NO. G 2 - 12 IN OPEN TYPE DISPLAY. 5 GROSS IN A CASE. SHIPPING WEIGHT 26 LBS.

Red Devil

THE ORIGINAL WORLD'S STANDARD GLASS CUTTERS

No. 024

Universal--For Sheet and General Glass Cutting

RED DEVIL No. 024 is known the world around as the most popular and largest selling glass cutter ever manufactured. Recent developments by RED DEVIL engineers have still further improved No. 024 and it is truly the leader in our standardized line of Modern-line RED DEVIL Glass Cutters.

QUALITY FEATURES

No. 024—overall length 5". RED DEVIL standard design easy finger rest handle—long reach head—bright red handle— (RED DEVIL and RED HANDLE trademarks registered.) Hard, smooth axle — Pre-greased.

Uses RED DEVIL No. 242 wheel (see page 12).

RED DEVIL NO. 024 —12 IN OPEN TYPE DISPLAY. 5 GROSS IN CASE, WEIGHT 54 LBS.

CONFORMS WITH GOVERNMENT SPECIFICATIONS

No. 023

For Cutting Hard, Rough Ribbed and Cathedral Glass or Wherever Tapping Is Advisable

While RED DEVIL No. 024 is well called the original World's Standard Glass Cutter, RED DEVIL No. 023 fully justifies the title of the original World's Standard Ball Knob Glass Cutter. This cutter with its famed Ball Knob, developed for use in cutting all types of glass wherever tapping is advisable.

QUALITY FEATURES

No. 023 — overall length 5". RED DEVIL standard design easy finger rest handle—long reach head—bright red handle (RED DEVIL and RED HANDLE trademarks registered). Hard, smooth axle — Pre-greased.

Use RED DEVIL No. 242 wheel (see page 12).

RED DEVIL NO. 023 —12 IN OPEN TYPE DISPLAY. 5 GROSS IN CASE, WEIGHT 56 LBS.

A Word About MODERN-LINE RED DEVIL GLASS CUTTERS

Modern-line cutters shown on these pages are designed for all modern types of glass. There are thirteen models.

The handles have been standardized for the entire line, permitting uniform use. Research and field experiments resulted in a handle that fits the hand, with an easy finger rest that prevents callouses and makes cutting effortless. Cutter can be grasped either way and still balance nicely. Head has extra long reach.

Only RED DEVIL wheels are special alloy steel, precision made. A new process of pressing the edge and grinding and honing has developed a uniformly smooth wheel which needs no breaking in and assures keener, lighter, cuts. Exclusive electrical hardening equipment makes the wheels tougher and gives them still longer life.

Oversized axle made of hard, smooth drill rod makes RED DEVIL Glass Cutters the smoothest running bearing possible.

All modern-line cutters are pregreased and rust-proofed. See page 13 for valuable hints on cutting glass.

Red Devil

THE ORIGINAL GLASS CUTTERS

For Cutting Plate, Heavy, Laminated and Polished Glass

No. 031

This redesigned cutter, is identical with RED DEVIL No. 024 (Page 5) except that it has a special wheel, developed by RED DEVIL engineers in co-operation with the largest glass plant in the world, designed specially for the cutting of plate and other polished glass. It is useful for safety glass, all heavy and polished glass and for pattern cutting. The specially developed wheel needs no breaking in. Should not be used on hard sheet or window glass if special cutting edge is to be preserved.

QUALITY FEATURES

No. 031—overall length 5"—RED DEVIL standard design easy finger rest. Modern-line handle—Long reach head—Hard, smooth Axle—Pregreased.

Uses RED DEVIL No. 232 Wheel (see page 12).

RED DEVIL NO. 031 —12 IN OPEN TYPE DISPLAY. 2½ GROSS IN CASE, WEIGHT 25 LBS.

No. 032

This special cutter for plate, polished and all smooth glass, is the same as the No. 031 above, except that it uses ball handle, and is rapidly replacing the old type plate glass cutters. Has the standardized ball knob with special plate glass wheel, as explained above. It is identical to the modern line No. 023 (See Page 5.)

QUALITY FEATURES

No. 032—overall length 5"—Modern-line ball-knob handle—plus all features of No. 023 Cutter.

Uses RED DEVIL No. 232 Wheel (see page 12).

RED DEVIL NO. 032—12 IN OPEN TYPE DISPLAY. 2 1/2 GROSS IN CASE. WEIGHT, 28 LBS.

"OPEN" DISPLAYS EXCLUSIVE WITH RED DEVIL

This special display is the first successful method of packing glass cutters in a neat counter container that is open-to-the-eye. Eliminates loose stock, oil soaked wrappings, individual boxes that most often must be opened before the sale is completed—and adds that touch of real merchandising that makes for high turn-over.
The top opens in half to create display panel. Each glass cutter is wedged between cardboard flanges and set in special slot to protect the wheel.

Patented

The Nos. G 1, G 2, 024, 023, 031, 032, 45, G 5, G 8, 08, are packed in these Open Displays.

Red Devil All Aluminum

TURRET HEAD GLASS CUTTERS

IT'S NEW

For Factory and Outside Use

No. G5

Our famous Turret Head glass cutter; lighter easier to use, always rustproof because it's All-Aluminm. Replaces our famous No. 48 Refill Wheel Cutter. 6 sharp Red Devil wheels, always ready to rotate at the turn of a screw, are fitted into the one piece Hardened Turret Head. The All-Aluminum G 5 Cutter is better than ever for outside workers, sash glaziers, painters, better too for production work in glass factories. Equipped with modern-line handle and ball knob for use wherever tapping is advisable.

QUALITY FEATURES

No. G 5 All-Aluminum - overall length 5" - Red Devil standard design easy finger rest, modern line ball knob, aluminum handle, one piece turret head.

Uses Red Devil No. 42 Wheel (See page 12)

RED DEVIL NO. G 5 —12 IN OPEN TYPE DISPLAY; 5 GROSS IN CASE. WEIGHT 32 LBS.

DEVELOPED TO CONFORM WITH GOVERNMENT SPECIFICATIONS

STANDARD GLAZIERS' WOOD HANDLE MODEL

No. 7

Preferred by many glass workers. Red Devil No. 7 is the original type Turret Head Glass Cutter with mahogany finished wood handle. 6 sharp wheels are always ready in the turret head, which can be turned so as to put the six wheels in action successively by merely loosening the screw holding the turret to the frame.

Six Wheel Turret.
Turret and Axle One Piece.

QUALITY FEATURES

No. 7—Overall length 5". Polished mahogany finished handle. Six Red Devil Wheels mounted in one piece hardened turret head.

Uses Red Devil No. 42 Wheel. (See Page 12).

RED DEVIL NO. 7 —12 IN A BOX. 1 GROSS IN CASE. WEIGHT 10 LBS.

Red Devil

MAGAZINE REFILL WHEEL GLASS CUTTER

For General Glass Cutting and Tapping

No. 45

The original metal handle magazine glass cutter redesigned for present-day needs. Six extra wheels in reserve are carried in ball of standardized handle so constructed that the dull wheels can be easily and instantly removed and quickly refilled. An extra heavy ball head for tapping glass is also provided in the handle end. Cutters are shipped with seven wheels.

Quality Features

No. 45—overall length 5″—RED DEVIL standard design, easy finger rest, modern-line handle with magazine holding 6 extra wheels. Pregreased.

Uses RED DEVIL No. 100 or 101 Patented Refill Wheels (See Page 12).

RED DEVIL NO. 45—12 IN OPEN TYPE DISPLAY. 1 GROSS IN CASE. WEIGHT 18 LBS.

DEVELOPED TO CONFORM WITH GOVERNMENT SPECIFICATIONS

Red Devil

SPECIAL GLASS CUTTERS

For Extra Hard Glass

No. 08

This redesigned cutter identical with the new No. 024 except for the special wheel, has been developed for use where the ordinary glass cutter falls down. Specially useful for vitrolite, carrara, stippolyte, opalescent and all extra hard glass. Equipped with easy finger rest, RED DEVIL standard design handle.

Quality Features

No. 08—overall length 5″. All features of No. 024 cutter.

Uses RED DEVIL No. 241 Special Wheel. (See Page 12).

RED DEVIL NO. 08—12 IN OPEN TYPE DISPLAY. 2 1/2 GROSS IN CASE. WEIGHT 25 LBS.

Red Devil

REFILL WHEEL GLASS CUTTERS

Factory Standard Model

No. 888

Refill wheel cutter redesigned with new Red Devil features for glass factories and other large users. The one-piece wheel and axle turns in spring steel holder making a smooth double bearing.
Quality features include: New easy finger rest, standard for all new Red Devil Cutters. Will outlast a gross of wheels. Long reach head with edge broken for cutting with rule. Overall length 5".

Uses wheels as listed at bottom of page.

RED DEVIL NO. 888 - 12 IN OPEN TYPE DISPLAY. 1 GROSS IN CASE. WEIGHT 10 LBS.

IT'S NEW

G 8 All Aluminum

REFILL WHEEL GLASS CUTTERS

Factory Standard Model

Patented

No. G 8

Now in lighter weight, non rusting, All-Aluminum construction, this Red Devil Refill Wheel Cutter is ideal for glass factories and other large users. The one piece wheel and axle turns in spring steel holder making a smooth double bearing.

Quality features include: New All-Aluminum construction, easy finger rest, modern-line handle. Will outlast a gross of wheels. Long reach head with edge broken for cutting with rule. Overall length 5" uses wheels as listed at bottom of page.

RED DEVIL NO. G 8 - 12 IN OPEN TYPE DISPLAY. 5 GROSS IN CASE. WEIGHT 28 LBS.

Standard Wood Handle Model

Patented

No. 999

Many expert glaziers prefer RED DEVIL No. 999, the 3 notch refill with mahogany finished wood handle, and polished steel head. All other features similar to No. 888. Overall length 5".
Uses wheels as listed at bottom of page.

RED DEVIL NO. 999 - 12 IN CARTON. 1 GROSS IN CASE. WEIGHT 9 LBS.

Refill Wheel Glass Cutters Use RED DEVIL Wheels as follows. (See Page 12)

No. 100 wheel for sheet or Fourcault glass.

No. 101 wheel for plate or polished glass.

No. 102 wheel for hard or art glass.

The new One-Piece Wheel and Axle in the above glass cutters is made from very tough alloy steel with oversize bronze axle. Both wheel and axle slide into steel holder easily. A trial of this wheel developed by RED DEVIL engineers, will show the very latest in glass cutting smoothness, longevity and economy.

Spring Steel Holder Opens To Receive Wheel

Red Devil

CIRCLE GLASS CUTTING MACHINES

Improved Circle Cutting Machine

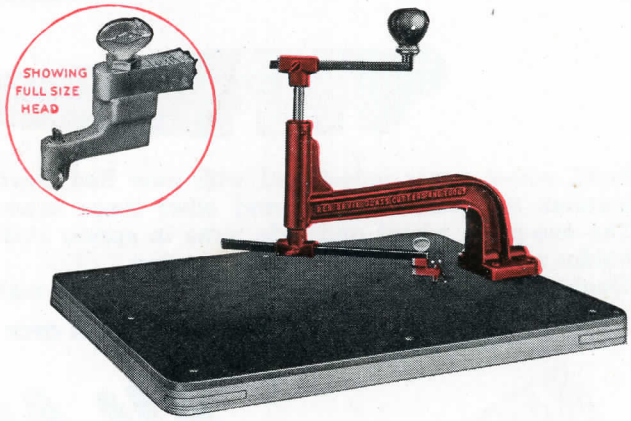
Patented

Cuts Circles 1/2 Inch to 15 1/2 Inches

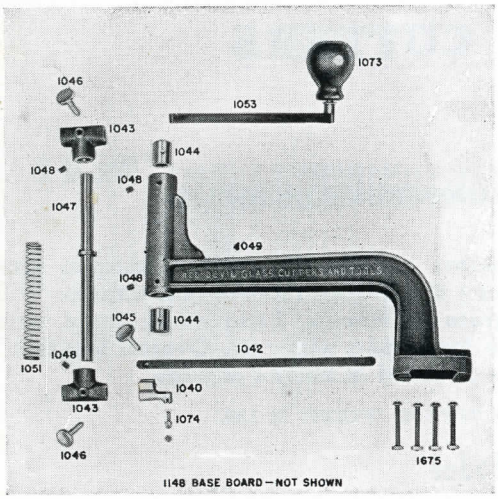
No skilled operator is required to cut perfect circles with this machine. Reliable, accurate, well made RED DEVIL product to meet the demand for a popular priced machine that combines the essentials for perfect easy cutting in a wide range of sizes. Has an Adjustable Crank, Enclosed Steel Bearings and a Rod scaled in 1/16 inches.

Uses No. 100 Refill wheel and axle.

RED DEVIL NO. 386—1 IN A CARTON. WEIGHT 11 LBS.



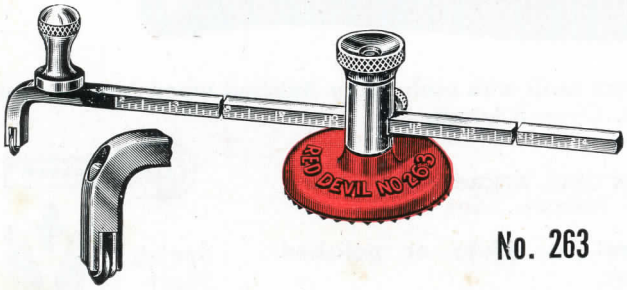
No. 386



PARTS FOR #386 CIRCLE GLASS CUTTER

1040 Wheel Head
1042 Graduated Bar
1043 Tee Head
1044 Bushing
1045 Wing Collar Screw
1046 Wing Set Screw
1047 Shaft
1048 Headless Set Screw
1049 Frame
1051 Spring
1053 Crank Bar
1073 Knob
1074 Wheel Retainer
1148 Base Board
1675 Base Board Bolts

CIRCLE SWEEP GLASS CUTTERS



No. 263

*RED DEVIL NO. 274 —CUTS CIRCLES 2 TO 36 INCHES
*RED DEVIL NO. 275 —CUTS CIRCLES 2 TO 48 INCHES
*RED DEVIL NO. 276 —CUTS CIRCLES 2 TO 72 INCHES
(1 in a Carton)

*Same as No. 263 with Rod Scaled for last 12 inches only

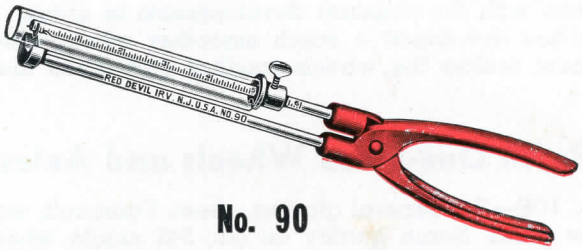
No. 263 Has Quick Change Wheel — Cuts Circles 2 to 24 Inches

This accurate RED DEVIL circle sweep cutter makes easy work of cutting circles of plain or plate glass in diameters of 2" to 24". The metal base has a rubber mat which prevents slipping. The graduated steel rod is scaled in 1/16 inches. Furnished with 2 extra No. 100 Refill wheels and axle.

RED DEVIL NO. 263—1 IN A BOX; 12 IN CARTON; WEIGHT 6 LBS.

Red Devil

GAUGE GLASS CUTTERS



No. 90

Modern-line Gauge Glass Cutter

The New No. 90 is a new style Gauge Glass Cutter of the highest RED DEVIL quality. Special plier type handle—very simple to use for accurate results. Cuts glass tube up to 6 inches. Rod is scaled in 1/16 inches. Overall length is 13 inches. Fitted with highest grade, No. 252 RED DEVIL Replaceable wheel (See page 12).

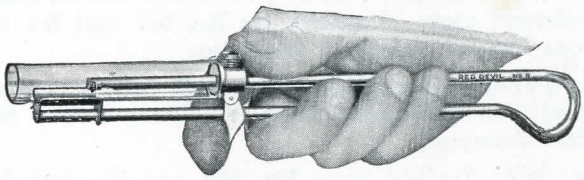
Developed to conform with Government specifications.

RED DEVIL NO. 90 —1 IN BOX, WEIGHT 1 LB.

Engineer's Gauge Glass Cutter

The No. 9 RED DEVIL Gauge Glass Cutter is recognized as the world's standard style. Pistol grip lever attachment for applying and holding pressure. Large rest for tubes. Cuts glass tube up to 7 inches. Overall length 13 inches. Fitted with highest grade, easily replaceable No. 252 RED DEVIL wheels (See page 12).

RED DEVIL NO. 9 —6 IN BOX. 1 GROSS IN CASE, WEIGHT 48 LBS.



No. 9

GLASS DRILLS

RED DEVIL Carboloy Cemented Carbide Tipped Glass Drills have revolutionized the drilling of glass. The tungsten carbide tips closely approach diamond hardness for longer drilling without resharpening. Available in either the spear point or triangle point. Red Devil Carboloy Cemented Carbide Tipped Drills will bore holes in any position for every glazing need without the slightest danger of causing expensive breakage in even the thinnest glass. They will fit any rotary portable electric or hand drill and will outlast dozens of ordinary steel drills.

For RED DEVIL MASONRY DRILLS see page 20

SPECIFICATIONS

No.		Drill Diam.	Shank	
			Diam.	Length
216	216 T	1/8"	3/16"	3"
316	316 T	3/16"	3/16"	3"
416	416 T	1/4"	1/4"	3"
516	516 T	5/16"	1/4"	3"
616	616 T	3/8"	11/32"	3 1/2"
716	716 T	7/16"	13/32"	3 1/2"
816	816 T	1/2"	15/32"	3 1/2"

How To Use The RED DEVIL Carboloy Cemented Carbide Tipped Glass Drills

1. Glass must be well supported and firmly held to prevent slipping.
2. Use plenty of coolant. Water is best although turpentine may be used. If possible, drill under water for best results.
3. Operate drill at 200 to 1,000 R.P.M., according to size of drill.
4. Do not force the drill. Use just enough pressure to keep the drill cutting.
5. Keep drills sharp. Grind drill to run and cut clockwise. Keep drill clearance the same as factory grind. Use Norton 34 100 H + 7 or Carborundum 100S - WHG - or 80 S WHG.

Red Devil

GLASS CUTTER WHEELS

RED DEVIL Wheels are the only uniform, precision made, modern glass cutter wheels. Their excellence has been universally accepted since 1872. Constant research, developments in precision machinery, and newly discovered alloy metals, keep RED DEVIL Wheels apace with the constant developments in glass. A new method of pressing the edge and grinding and honing has developed a much smoother wheel which needs no breaking in. Exclusive electrical hardening equipment makes the wheels tougher and gives them still greater life.

Standard Single Wheels

No. 242—Fit any single wheel RED DEVIL Glass Cutter. Best all round wheel for general glazing, sheet, Fourcault or window glass. Standard for famous No. G 1, No. G 2, No. 024 and No. 023 Glass Cutters. Size 7/32" diameter.

No. 232—For plate and all polished or smooth glass, laminated glass; Standard for No. 031 and No. 032 Glass Cutters. Size 7/32" diameter.

No. 241—For hard glass, structural, art, opalescent, rolled, etc. Standard for No. 08 Glass Cutter. Size 7/32" diameter.

No. 262—For old style No. 509 and No. 300 Tile Cutters. Size 5/32" diameter.

Packing: 1 dozen to a glassine envelope with proper axles to use enclosed in strong envelope with full instructions. One gross in display.

Turret Head 6 Wheels

No. 42—For factory and the job. For general glazing use. Standard for No. G 5, 7 Glass Cutters. Size 5/32" diameter.

No. 252—Small size for expert tube and circle cutting with Turret Head Cutters. Standard for No. 264, 9, 90, and special for No. G 5, 7 and 48. Size 5/32" diameter.

Refill One-Piece Wheels and Axles

No. 100—For general glazing, sheet, Fourcault, window glass. Same quality as No. 242 single wheel. Standard for Nos. G 8, 777, 888, 999, 45 Refill Glass Cutters and Nos. 263, 274, 275, 276, 386 Circle Cutters. Size 7/32" diameter.

No. 101—For plate, all polished or smooth glass, laminated glass. Standard for Nos. G 8, 45, 777, 888, 999, Refill Glass Cutters and special for Nos. 263, 274, 275, 276, 386, Circle Cutters. Size 7/32" diameter.

No. 102—For hard glass, art opalescent, rolled. Special for Nos. 45, G 8, 777, 888, 999 Glass Cutters and Nos. 263, 274, 275, 276, 386 Circle Cutters. Size 7/32" diameter.

No. 98—Special—for odd shaped Cutting Posts. Size 5/32" diameter.

No. 103—For tile. Standard for 509, 301, 303, 304 Cutters. Size 5/32" diameter.

Packing: 1 dozen to an envelope. One gross in display.

Spring Steel Wheel Holder: See Page 9.

Red Devil

REFILL WHEEL PILLAR POSTS

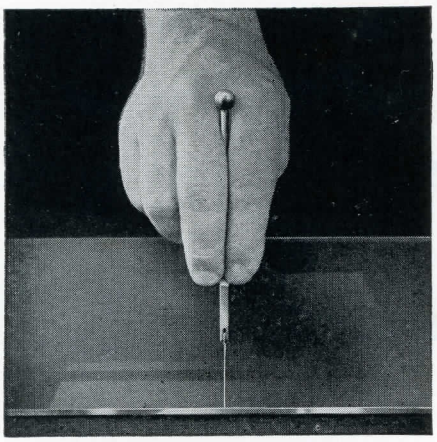
Precision-made Refill Posts, in a wide variety of shapes and sizes, are available, for all RED DEVIL Circle Cutters, old and new style; for Circle Cutters of other manufacture; for hand and automatic machinery designed to cut glass, tile etc. Posts can be supplied with either RED DEVIL Refill or Standard Wheels. Write, giving specific requirements.

No. 249

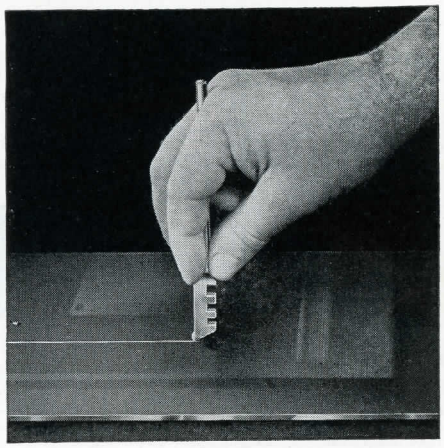
Wheel and Special Head for Old Style RED DEVIL and Other Standard Circle Cutters

This holder fitted with new style patented RED DEVIL Refill wheel and axle is adapted for use in the old style RED DEVIL and other standard circle cutting machines. Uses No. 98, 100, 101 and 102 Refill wheels and axle.

HOW TO CUT GLASS



The following instructions, if carefully observed, will enable anyone to cut glass without difficulty.



FIRST Wipe off or clean the glass thoroughly before starting. Be sure that the glass is flat and level on the table. If possible use a large piece of felt under the glass.

SECOND Dip the wheel in a light body motor oil, not turpentine. A mixture of one part motor oil and one part kerosene is ideal.

THIRD Place the cutter between the first and second fingers, thumb on underside of handle (see illustration).

FOURTH Start the wheel on the far side of the sheet of glass from you (1/8" from far edge)—hold your cutter erect so that the wheel will revolve easily, make a straight, even stroke. The cut must be made continuous across the whole surface or the glass will run to one side.

FIFTH Press just hard enough to make a fine hair line on the glass. If you press too hard the glass will flake or burn—this is wrong.

SIXTH Run the cutter wheel entirely across the glass (allow your cutting wheel to drop off the pane).

SEVENTH Use straight edge (brass or wood edge rule) when available, making allowance for 1/2 width of cutter head when measuring.

EIGHTH To break the glass hold the pane firmly between the first finger and thumb with both hands (side nearest to you) give the glass a slight bend and it will break or "run" the entire length of the cut. (Alternate method—Place end of the cutter handle or wooden match stick under end of cut on side towards you and press down on glass each side of cut with thumb). For breaking off narrow strips use the breaker in the head of the cutter (there are different size breakers for each thickness of glass.) For breaking plate or heavy glass use RED DEVIL Glass Pliers, taking pliers up to within 1/8" of the cut.

Tapping the glass gently under the cut will make the glass run or part easier. Always break the glass immediately after cutting as once the cut gets "cold" the glass will not part readily.

NOTES—Do not hold the cutter too firmly. Allow it to rest on the thumb and press gently with the first two fingers on top, until you have pressed sufficiently hard to make a fine hair line.

A glass tool is a precision tool and needs lubrication to work smoothly but do not use turpentine as this will gum up the wheel and axle.

In order to avoid wobbling of the wheel, good glass cutters are made with a very narrow and deep slot and any sticky substance getting into this slot rapidly stops the wheel from turning freely. This deep slot acts as an oil reservoir and all RED DEVIL Glass Cutters are pregreased in this reservoir. This eliminates any necessity of felt wicks or other reservoirs and the RED DEVIL cutter will last almost indefinitely without reoiling.

A clean 1/32 gallon paint can with cotton or rag in the bottom and just enough light oil in the bottom to cover the cutter wheels makes a very fine permanent holder for your cutters when not in use.

As glass varies in hardness (polished, plate, etc., is soft; opalescent, vitrolite and many window glasses are hard) it is best to use a special cutter for softer glass. A RED DEVIL No. 024 or 023 that has been used or broken in is ideal for use on plate.

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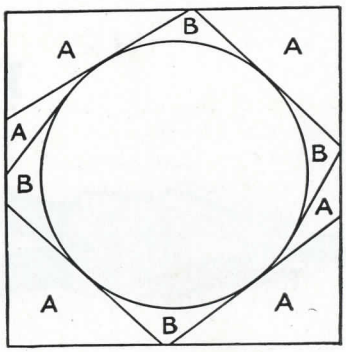
We are always glad to give advice on any special problems relative to handling or cutting glass. Be sure that you give full name and address when sending any inquiries.

HOW TO CUT CIRCLES

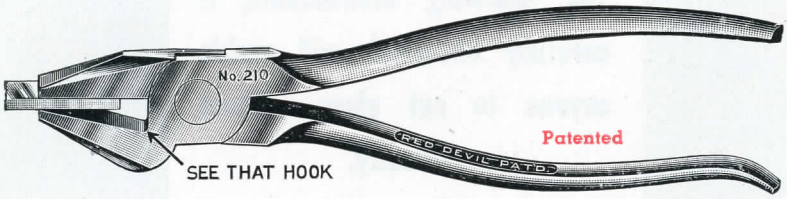


After making a clean, even cut with one of the RED DEVIL Circle Cutters, use a RED DEVIL glass cutter as explained above to make straight-cuts similar to those illustrated to the right. No straight-cut should meet the circle-cut at angles greater than 23 degrees or of course run into the circle. Using the breaker notches in the RED DEVIL to remove the piece. Tapping glass under the cut until the light cracks through to the cut will insure against breaking in the wrong place.

Break pieces, starting from, for example, at the upper right corner and continue counterclockwise until all "A" cuts are broken off—then follow with the first "B" section and continue in the same way.

Red Devil

GLASS PLIER



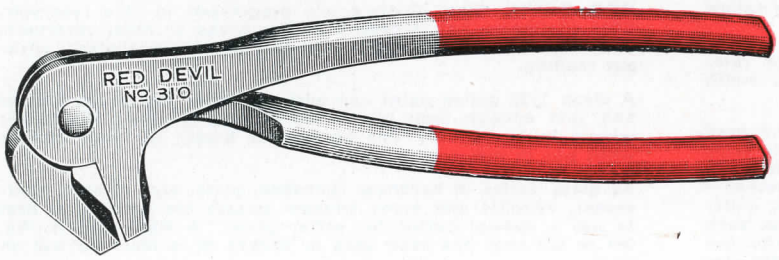
No. 210

The finest glass plier ever made, takes the place of each and every plier up to 10″. For any thickness glass, ½ inch or thinner. The flat upper jaw supports top surface of the glass, while the humped lower jaw, developing powerful leverage under the slightest pressure from the handles, cleanly severs the glass to a line cut.

The No. 210 RED DEVIL Glass Plier should be in every kit.

RED DEVIL NO. 210—8½ INCH, HIGH POLISH FINISH—1 IN CARTON. 6 IN BOX. WEIGHT, PER DOZEN, 12 LBS.

NEW STYLE OFFSET GLASS PLIER



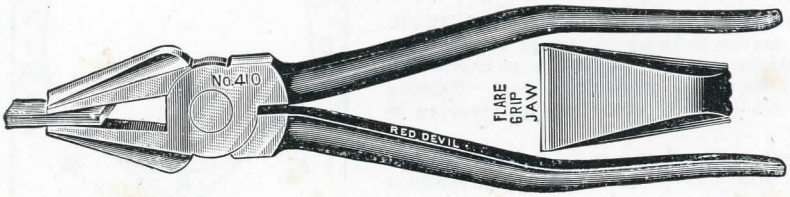
No. 310

These RED DEVIL Pliers were developed by us for store front construction and wherever it is necessary to get into a corner for breaking glass.

The practical glass man can break or chip plate glass in an upright position with these pliers.

RED DEVIL NO. 310—8½ INCH—INDIVIDUALLY WRAPPED. WEIGHT, PER DOZEN, 12 LBS.

FLARE GRIP JAW PLIER



No. 410

This popular priced glass plier is a tool of rugged strength, nicely balanced, with the flaring wide jaw preferred by many glaziers. Full polish.

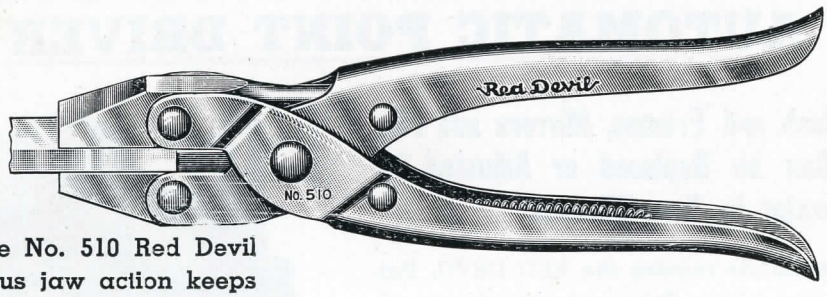
RED DEVIL NO. 410—6 INCH. 6 IN A BOX. WEIGHT, PER DOZEN, 6 LBS.

RED DEVIL NO. 410—8½ INCH—6 IN A BOX. WEIGHT, PER DOZEN, 10 LBS.

Red Devil

NO. 510 GLASS PLIERS

No. 510



IT'S NEW

Nothing parallels the No. 510 Red Devil glass pliers. Ingenious jaw action keeps jaws parallel to glass at all times. Powerful parallel leverage. Clearly severs up to ½" glass to a line cut. Spring in streamlined handle makes jaws self opening.

RED DEVIL NO. 510—8½ INCH. PACKED 6 IN A BOX.
WEIGHT PER DOZEN 13 LBS.

No. 508

TILE PLIERS

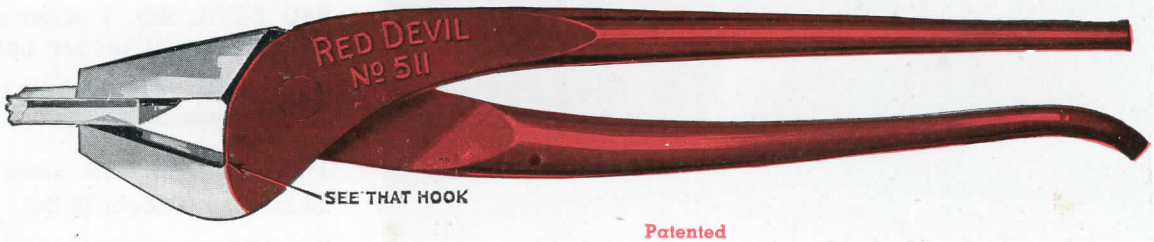
This handy tool is made from special alloy steel, drop forged and scientifically heat treated. It combines unusual strength with light weight and is built for long, hard usage. Cuts tile up to ½" thick.

RED DEVIL No. 508 meets the demand of the trade for a popular-priced tool of improved shape, designed to make the job of nipping, cutting or shaping tile and like materials easier and to produce better, cleaner results.

RED DEVIL NO. 508—6 IN CARTON. WEIGHT PER DOZEN 8 LBS.

HEAVY GLASS NIPPER

No. 511



Patented

A well built Heavy Glass Nipper with a Hump Jaw for Heavy Plate Glass—Carrara, Vitrolite, etc. It works on the same principle as Red Devil No. 210 Glass Plier. Individually wrapped.

Red Devil No. 511	**15 inch**	**20 inch**
For Glass Thickness	**1 inch**	**1 1/2 inch**
Weight, Each	**5 lbs.**	**9 lbs.**

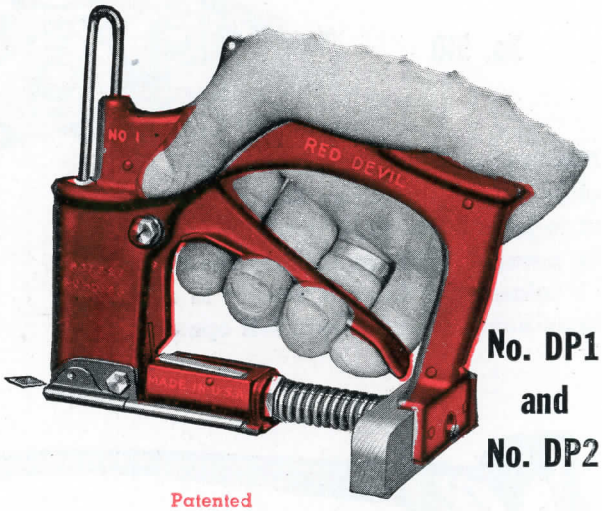
Red Devil

THE ORIGINAL WORLD'S STANDARD AUTOMATIC POINT DRIVER

This Tool Glazes Sash and Frames, Mirrors and Pictures. Any Part Can be Replaced or Adjusted by the Operator in Two Minutes.

Today's production methods require the RED DEVIL Patented Automatic Diamond Point Driver of rugged strength and power. It is now made with all red finish and has an easily operated coil spring feed, shooting points at machine gun speed into hardest wood. Unlike other drivers, points cannot drop out, due to the patented nose plate. For this reason the driver can be tilted at any sharp angle to drive points for smallest panes of glass, making it a 100% efficient, time saving tool for Furniture Manufacturers, Picture Framers, and Glaziers, sash and trim and lumber yards, or glazing on the job.

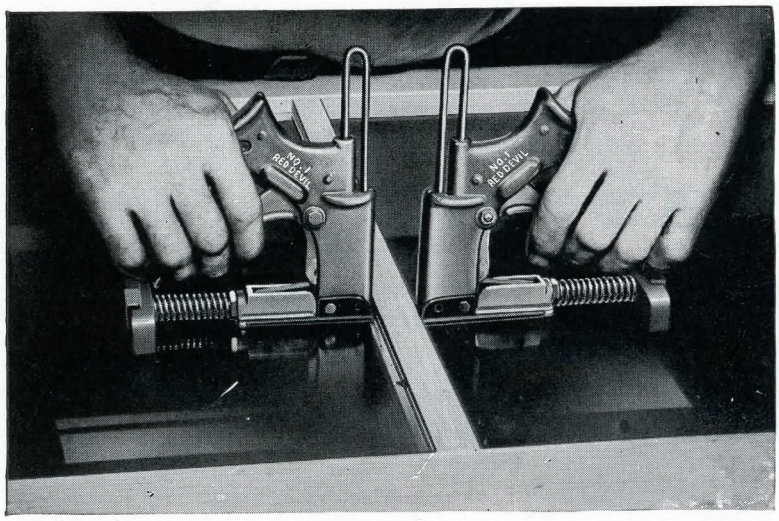
This gun allows one man to glaze more sash in an hour than five men by the old hand method with triangle points. It also eliminates the use of brads and nails for picture framing and makes a smooth back picture in jiffy time.



No. DP1 and No. DP2

Patented

RED DEVIL Automatic Drivers operate in any position—drive points when held at any angle. Points cannot drop out of the Magazine.



Note how double the amount of sash can be glazed at one time, in a single operation, by using a pair of RED DEVIL Point Drivers, as shown in photo of a veteran's housing job.

RED DEVIL No. 1 (illustrated) is the standard for use in glazing sash, No. 2 for reglazing old sash where the wood is soft. No. 2 is recommended for the average picture frame except on very small picture frames where the No. 1 should be used.

RED DEVIL No. 2 Automatic Driver (not shown) is the same as No. 1 except that it shoots No. 2 Diamond Points.

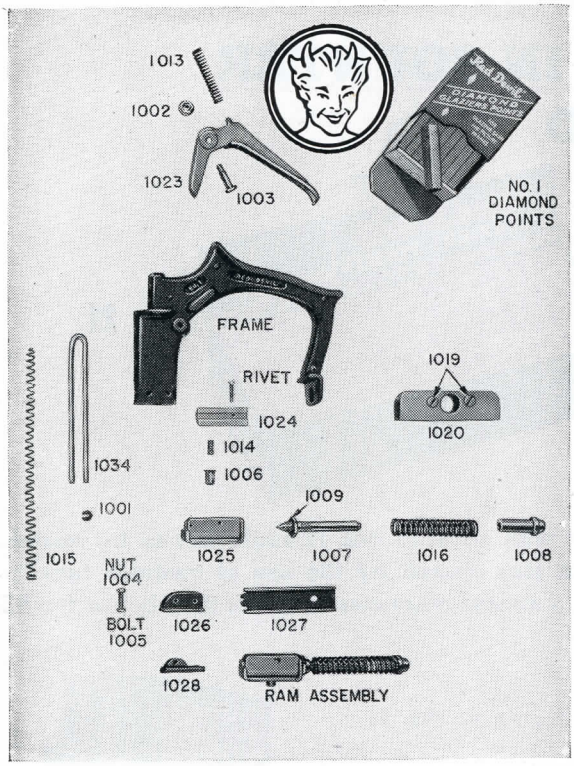
RED DEVIL NO. 1 POINT DRIVER (FOR NO. 1 POINTS WHICH ARE 3/8" LONG).

RED DEVIL NO. 2 POINT DRIVER (FOR NO. 2 POINTS WHICH ARE 1/2" LONG).

1 in a Carton, with extra driving plate; 12 in Case; Weight 26 lbs.

See facing page for repair parts.

When ordering repair parts, order by number and specify whether for #1 or #2 Driver.



Red Devil

PARTS LIST FOR POINT DRIVER

1001	Nut for Feeder	1020	Heel Block
1002	Nut for Trigger	1021	Sear
1003	Trigger Bolt	1023	Trigger
1004	Nut for Guide Plate	1024	Key
1005	Guide Plate Bolt	1025	Ram
1006	Lock Stud	1026	Guide Plate No. 1
1007	Ram Bolt	1027	Drive Plate No. 1
1008	Bushing	1028	Nose Plate
1009	Ram Bolt Nut	1020	Guide Plate No. 2
1013	Trigger Spring	1030	Drive Plate No. 2
1014	Key Spring	1034	Feeder
1015	Feed Spring	1037	No. 1 Frame
1016	No. 1 Drive Spring	1038	No. 2 Frame
1017	No. 2 Drive Spring	1118	Sear Rivet
1019	Heel Block Screw 2 to driver	1119	Key Pin
		1120	Frame Rivet

FOR RAM ONLY WE SUPPLY

1025	Ram	1014	Key Spring
1006	Lock Stud	1119	Key Rivet
1024	Key		

COMPLETE RAM ASSEMBLY CONSISTS OF

1025	Ram	1007	Ram Bolt
1006	Lock Stud	1009	Ram Bolt Nut
1024	Key	1016 or 1017	Driver Spring No. 1 — No. 2
1014	Key Spring		
1119	Key Rivet	1008	Bushing

Red Devil

STE-LIKE AND PURE ZINC DIAMOND POINTS

RED DEVIL Diamond Points are packed in a special (Patent Applied For) package which prevents breaking.

For Glazing Sash and Backing-Up Picture Frames, Mirrors, Etc.

Made by an exclusive process from especially hard metal, RED DEVIL high quality "Ste-Like" Diamond Points slip quickly and accurately into the RED DEVIL Point Drivers. (See opposite page.) Treated against corrosion. They can be driven easily into the hardest wood.

We also furnish RED DEVIL Diamond Points of pure hard rolled zinc, absolutely accurate in size.

Diamond Points are evenly stacked in strong sticks of 100 each.

PACKING

RED DEVIL NO. 1— DIAMOND POINTS (⅜ INCH LONG) FOR NO. 1 DRIVER. PACKAGES OF 5,000, CONTAINED IN WOODEN BOXES OF EITHER 9 PACKAGES (45,000) OR 36 PACKAGES (180,000). WEIGHT 9-PACKAGE BOX, 10 LBS.

RED DEVIL NO. 2 — DIAMOND POINTS (½" LONG) FOR NO. 2 DRIVER—PACKAGES OF 4,000, CONTAINED IN WOODEN BOXES OF 9 PACKAGES (36,000). WEIGHT 9-PACKAGE BOX, 14 LBS.

Red Devil

TRIANGLE POINTS IN COUNTER DISPLAY STAND

No. 20

No. 21

These display boxes of RED DEVIL Triangle Points do away with passing out Triangle Points in wasteful, loose quantities. This idea substitutes sure profit for a sure loss caused by the use of common tack box type of containers. All packages Packed Zinc Coated, Size No. 2 unless otherwise ordered. (See below for RED DEVIL Glaziers' Hammer.)

Each box of RED DEVIL No. 20 contains a full ⅛ pound of points—No. 21 contains full ¼ pound points.

RED DEVIL NO. 20—12 PACKAGES IN COUNTER DISPLAY. 5 GROSS OF 5c PACKAGES IN CASE; WEIGHT 125 LBS.

RED DEVIL NO. 21—SAME STYLE PACKING AS NO. 20 EXCEPT LARGER. 2½ GROSS IN CASE; WEIGHT 110 LBS.

RED DEVIL Triangle Points are furnished of Pure Zinc and Zinc Coated Stock in attractive packages of ⅛ lb., ¼ lb., ½ lb., 1 lb., and 25 lb., and 50 lb. Boxes, in all sizes, Nos. 00 to 4 inclusive.

No. 00 No. 0 No. 1 No. 2 No. 3 No. 4

GLAZIERS' HAMMER

A manually operated point driver for sinking RED DEVIL Triangle Glaziers Points into toughest wood. It's not necessary to raise the No. 8 from the surface of the glass as it operates on a swivel joint principal—creating extra force without effort.

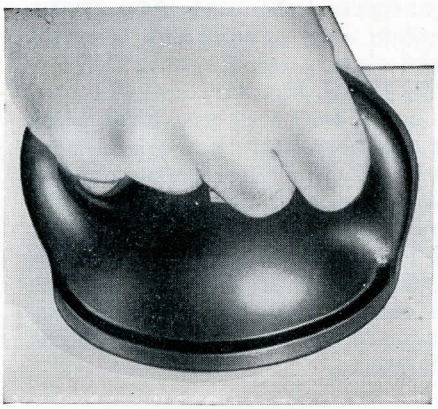
Saves breakage and assures perfect glazing without wasted or bent points, the very best glaziers' hammer on the market 10″ length overall. 4″ wood handle painted bright red. End of handle has good screw driver or chisel.

No. 8

RED DEVIL NO. 8—1 IN BOX; 12 IN CARTON; WEIGHT PER DOZEN 9 LBS.

Red Devil

VACUUM CUP GLASS HOLDERS



No. 408

"Put a handle on Glass," by using RED DEVIL Single Vacuum Cup Glass Holder No. 408 for small sizes of plate, crystal, window and structural glass, mirrors, granite, marble, plastic and micaboard, porcelain, enamel.

Sturdy construction gives operator positive control of the material on which it has been placed. The lever used to raise the rubber disc to create vacuum or suction is countersunk in the sturdy hand fitting handle when not in use.

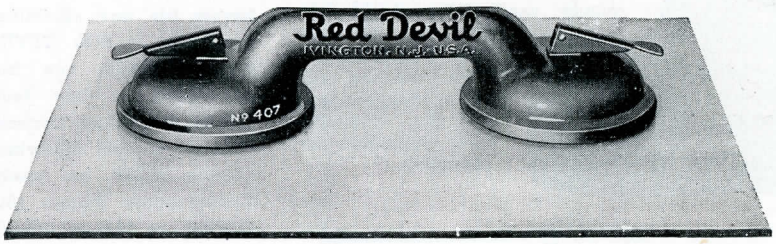
Tool is constructed of cast aluminum which supports the disc and keeps it in rigid position.

When the 4 1/2" cup is properly attached, it is impossible to remove tool without breaking the vacuum.

RED DEVIL NO. 408 —1 IN BOX. WEIGHT 1½ LBS.

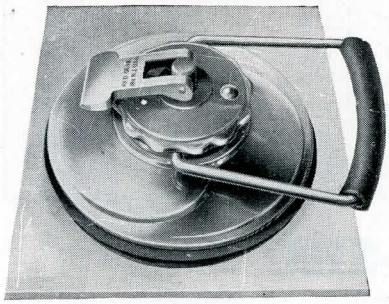
RED DEVIL Vacuum Cup Glass Holder No. 407 with "French-phone" grip is equally convenient in the shop or out on the job. Will lift 125 pounds or more and break the suction created by two pieces of glass placed together. Structural glass, glass shelves, or show cases easily placed in exact position.

When the two 4½" vacuum cups are attached, it is impossible to remove the tool without breaking the vacuum. Overall lgth. 12½".



No. 407

RED DEVIL NO. 407— 1 IN BOX. WEIGHT 2½ LBS.



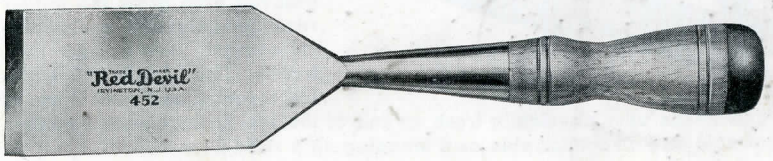
No. 413

The new style RED DEVIL Vacuum Holder or lifter is a sturdy, safe lifting device, capable of holding as much weight as a strong man can lift. Highly popular for all lifting, parting, pushing, raising, lowering, or carrying glass, marble, granite, etc. It is also being used by many industries, such as some automobile companies that use this holder for lifting solid steel tops onto the bodies.

Made in three models with highly finished body and thick base of tough, durable rubber, disc shape creates greater vacuum surface. Ample swivel handle with rubber grip permits easy carrying.

RED DEVIL NO. 412—(NOT ILLUSTRATED)—4" DISC, PACKED 1 IN A CARTON. WEIGHT 1 1/2 LBS.
RED DEVIL NO. 413—6" DISC. PACKED 1 IN A CARTON. WEIGHT 2 1/2 LBS.
RED DEVIL NO. 414—(NOT ILLUSTRATED)—7" DISC. PACKED 1 IN A CARTON. WEIGHT 3 LBS.

GLAZIERS' CHISEL



No. 452

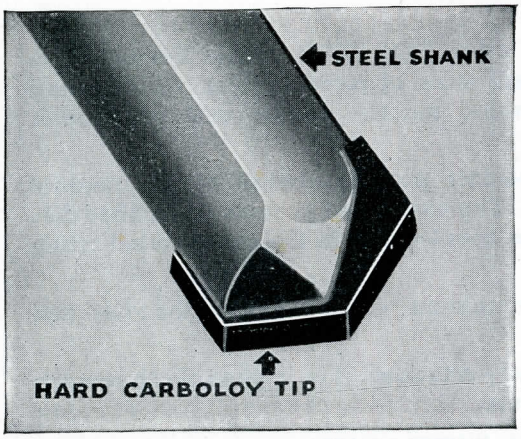
Standard style, square side chisel preferred by many glaziers. Socket handle, and high polished steel blade. 10 1/2" overall length. 4" wood handle.

RED DEVIL NO. 452—SIZE 1 1/2". 12 IN BOX. WEIGHT PER DOZEN, 7 LBS.

RED DEVIL NO. 452—SIZE 2". 12 IN BOX; WEIGHT PER DOZEN, 8 LBS.

Red Devil

MASONRY DRILLS



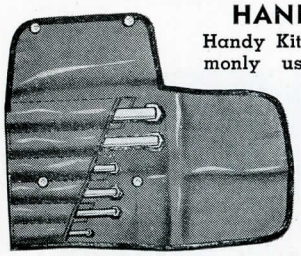
FITS ANY ROTARY ELECTRIC PORTABLE DRILL

Drill faster, smoother, more accurate holes with RED DEVIL Masonry Drills because the cutting edge of each drill is tipped with tungsten carbide—a metal closely approaching the diamond in hardness. You use RED DEVIL Masonry Drills in your Portable Electric Drills in the same way that you have been using ordinary drills but you get more holes per grind, more holes per drill, and do the job in 50% less time! Recommended for drilling all types of concrete, carbon, bricks, marble, slate, limestone, asphalt, tile, asbestos, plasters, wallboard and are particularly recommended for the rapid installation of Expansion Bolt Shields. RED DEVIL Masonry Drills will last 50 times longer and will hold a clean cutting edge for weeks of continued use. Absolutely no danger of causing expensive breakage on fragile and brittle materials.

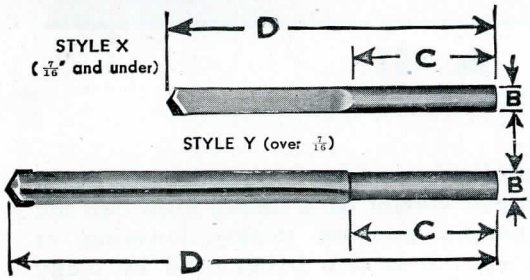
Keep drills sharp—do not use a drill when it starts to dull and you will get longer life and eliminate breakage. RED DEVIL Masonry Drills can be sharpened on any tool grinder but Silicon Carbon Wheels of the following grades MUST be used: Carborundum Wheels 100 S-WHG, or Norton Wheel 34100 H+7. Do not dip drill in liquids. Use a moderate pressure and keep drill continually moving across the wheel. Keep steel section ground away from tip. Use same angles as for steel drills. (See page 11 for RED DEVIL Glass Drills. See page 8 and 15 for tile cutters).

Harder than the Hardest Steel — for drilling holes in all Non-Metalic Surfaces.

HANDY DRILL KIT



Handy Kit of 6 of the most commonly used drills (3/16, 1/4, 5/16, 3/8, 1/2, and 5/8). Sturdy canvas case, protects the drills. Ideal for toolbox use. Complete with Operating Instructions



SPECIFICATIONS

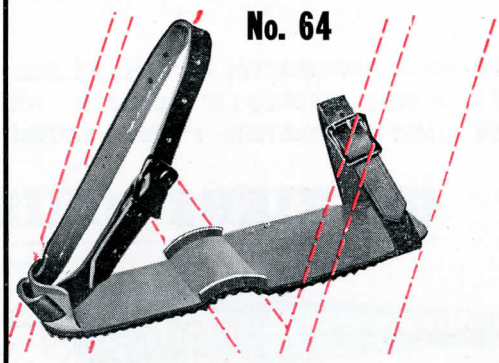
No.	Nomin. Diam.	Shank		Overall Lgth. (D)	Min. Actu. Drill Diam.
		Diam.	Lgth. (C)		
M 316	3/16"	(B)	—	3	.198"
M 416	1/4"	1/8	—	4	.260"
M 516	5/16"	3/16	—	4	.328"
M 616	3/8"	1/4	1 1/2	4	.390"
M 816	1/2"	1/4	—	6	.525"
M 1016	5/8"	3/8	—	6	.713"
M 1216	3/4"	1/2	1 5/8	6	.775"
M 1416	7/8"	1/2	1 5/8	6	.905"
M 1	1"	1/2	1 5/8	6	1.030"
M 1 1/2	1 1/2"	1/2	1 5/8	10	1.535"

No. PH 1 MASTER PAINT HOOK

New RED DEVIL Painthooks hold paint cans safely in right or left hand position on any ladder or step ladder. Hooks fasten to can itself, leaving bail hanging free. Don't obstruct can opening. Make painting easier, cleaner, safer.

No. P H 1 Packed one dozen in a display 1 Gross in carton — Weight 35 lbs.

LAD-R-SHU



This new device has been instantly accepted by the men who spend any time on a ladder tread or rung. It firmly fits the sole of any shoe by means of leather straps. The non-slip, long wear rubber "soles" are real safety factors.

The specially designed grooved arch grips the ladder rung securely and contributes to comfort, safety and foot-health. The LAD-R-SHU eases leg muscles and back muscles and keeps user physically fresh at end of the job. Ladder work becomes as safe and as comfortable as if standing on a solid floor.

LAD-R-SHU No. 64—ONE PAIR IN BOX, WEIGHT 2 LBS.

Red Devil

No. 18

WOOD SCRAPERS

No. 18 Patented DeLuxe Model

Introduced for use in conjunction with RED DEVIL Floor Sanding equipment.

The ideal heavy duty scraper. Easy to hold, pistol grip handle. Especially useful in floor sanding work. Gets into the corners and other inaccessible spots which cannot be reached with regular floor sanding machines or edgers. The scraper is of polished aluminum and is equipped with No. 2½ replaceable double edge blades.

RED DEVIL NO. 18—1 IN A BOX. WEIGHT 1½ LBS.

See page 25 for extra replaceable blades used on these scrapers.

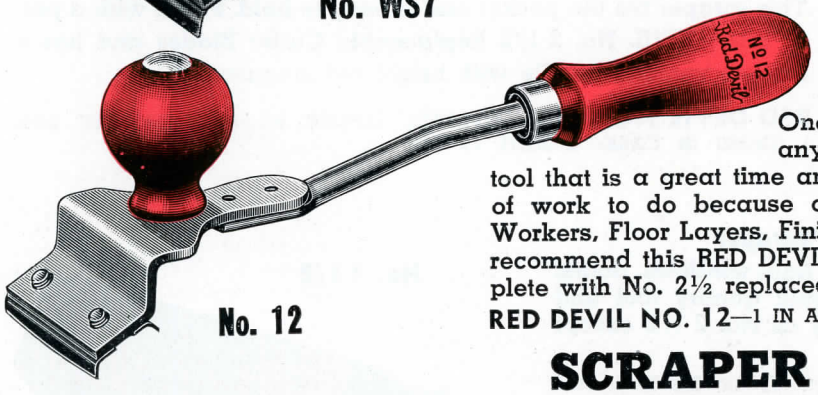
IT'S NEW

No. WS7

All Aluminum WOOD SCRAPER

Similar in size to the highly popular No. 50, but designed for heavy duty and long use. The lightness and smoothness of the all-aluminum handle permits noticeably fast, effortless scraping with perfect leverage in all positions. Length over all 9". Use RED DEVIL No. 2½ double edge replaceable blades.

RED DEVIL NO. WS 7—PACKED ONE IN BOX. 12 IN DISPLAY CARTON. 1 GROSS IN CASE. WEIGHT 81 LBS.



No. 12

No. 12 Mechanics Model

One of the best wood scrapers manufactured at any price. This is for the big job, a mechanic's tool that is a great time and labor saver. Useful where there is a lot of work to do because of its easy two-handle arrangement. Boat Workers, Floor Layers, Finishers, Cabinet Makers and Wood Workers recommend this RED DEVIL Tool as the ideal scraper. Supplied complete with No. 2½ replaceable double blade. Overall length 10".

RED DEVIL NO. 12—1 IN A BOX—1 GROSS PER CASE. WEIGHT 108 LBS.

SCRAPER FILE

This file is especially cut to keep a keen edge on all RED DEVIL scraper blades. Also useful as a general utility file. Has a hole for hanging on nail.

RED DEVIL NO. 15—INDIVIDUALLY WRAPPED—1 DOZEN IN BOX. WEIGHT ½ LB.

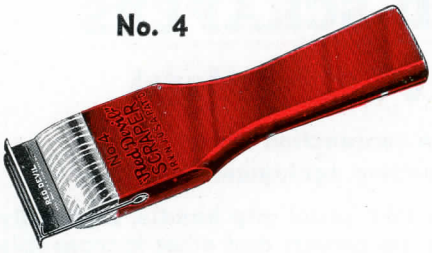
No. 15

Red Devil

WOOD SCRAPERS

Patented

No. 4

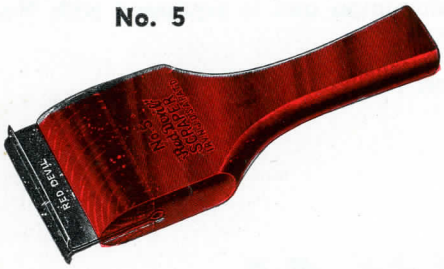


No. 4 RED DEVIL Wood Scraper

A real quality tool with two cutter blades. Uses RED DEVIL No. 1 1/2 double edge replaceable blades. The spade shaped handle gives an easier grip and greater pressure where needed. Has smooth wooden handle, bright red lacquer finish.

RED DEVIL NO. 4—OVERALL LENGTH 6". 12 IN DISPLAY BOX. 1 GROSS IN CASE. WEIGHT 24 LBS.

No. 5



No. 5 RED DEVIL Wood Scraper

The same scraper as No. 4 except that it is shaped to hold RED DEVIL No. 2 1/2 double edge replaceable blades. A very popular number at the price.

RED DEVIL NO. 5—OVERALL LENGTH 7". 6 IN DISPLAY BOX. 1 GROSS IN CASE; WEIGHT 45 LBS.

No. 0 RED DEVIL Paint and Wood Scraper

Handy single blade scraper, exceptional value at this very low price. "Big" size for the money, too. Just right for window sash work and tight quarters. Bright Red Handle.

RED DEVIL NO. 0—OVERALL LENGTH 5". 12 IN A BOX. 1 GROSS IN CASE; WEIGHT 15 LBS.

No. 0

No. 2 1/2

No. 2 1/2 RED DEVIL Wood Scraper

This scraper fits the pocket and is easy to hold. Fitted with a pair of RED DEVIL No. 2 1/2 Replaceable Cutter Blades and has a smooth wooden handle with bright red lacquer finish.

RED DEVIL NO. 2 1/2—OVERALL LENGTH 5". 6 IN DISPLAY BOX. 1 GROSS IN CASE; WEIGHT 48 LBS.

No. 1 1/2 RED DEVIL Wood Scraper

A handy household tool. Useful for shaving tight windows, doors, drawers, for refinishing furniture, etc., a real quality tool and a cheap one. The same shape and quality as No. 2 1/2 except that it uses No. 1 1/2 blades.

RED DEVIL NO. 1 1/2—OVERALL LENGTH 5". 12 IN DISPLAY BOX. 1 GROSS IN CASE; WEIGHT 27 LBS.

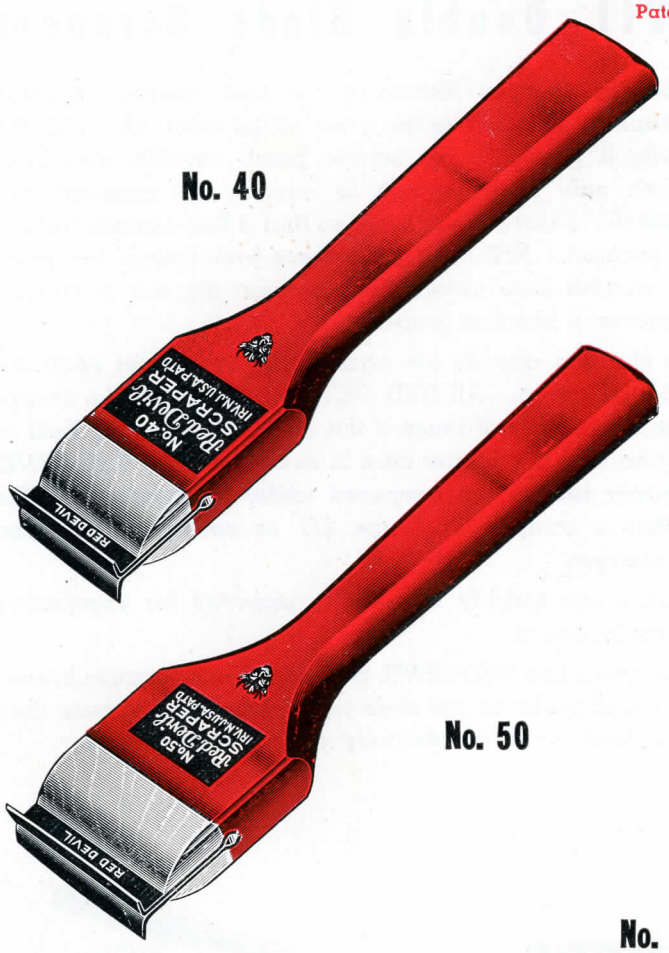
For reference to RED DEVIL No. 1 ½ and No. 2 ½ double edge replacement blades listed above, see page 25 for complete details. Both size blades can be supplied with super sharp or serrated edges.

No. 1 1/2

Red Devil

WOOD SCRAPERS

Patented

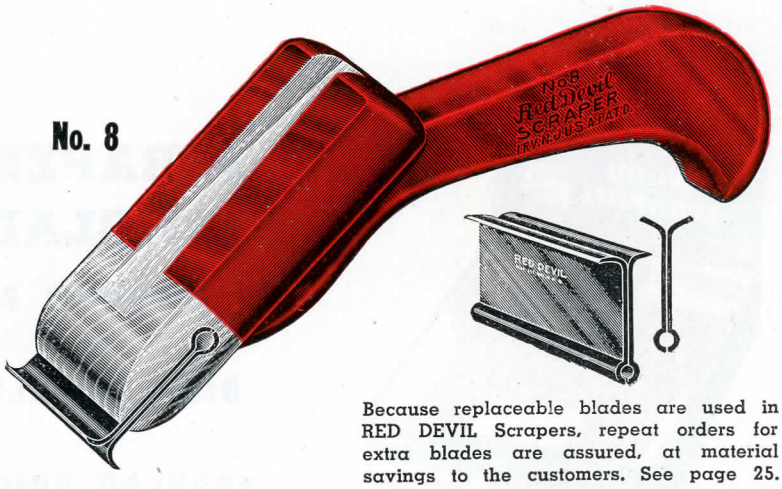


No. 40 RED DEVIL Wood-Scraper is an improved model of the standard type No. 4. The handle is 1″ longer, giving it an overall length of 7″. It has already become the most popular all-around scraper — the fastest seller any dealer could stock. Remarkable balance. Uses RED DEVIL No. 1½ double edge replaceable blades.

RED DEVIL NO. 40—PACKED ONE DOZEN IN DISPLAY BOX. 1 GROSS IN CASE; WEIGHT 28 LBS.

No. 50 RED DEVIL Wood Scraper is the cream-of-the crop, you can't sell a finer spade-type wood scraper. Extra long handle, shaped to make scraping easier and fast and give perfect leverage in any position. Length 9″ overall. Uses RED DEVIL No. 2 1/2 double edge replaceable blades.

RED DEVIL NO. 50—PACKED SIX IN DISPLAY BOX. 1 GROSS IN CASE; WEIGHT 54 LBS.



No. 8 RED DEVIL Wood Scraper has a perfectly balanced pistol grip which assures more even scraping and absolute comfort to the hands. Scrapes off the toughest old finish and evens down rough spots with less pressure. Pistol handle can be set on either the lower side (as shown) or upper side of scraper. Cannot work loose while in operation. Uses RED DEVIL No. 2 1/2 double edge replaceable blades.

RED DEVIL NO. 8—PACKED 3 IN DISPLAY BOX. 1 GROSS IN CASE; WEIGHT 120 LBS.

Because replaceable blades are used in RED DEVIL Scrapers, repeat orders for extra blades are assured, at material savings to the customers. See page 25.

No. 14 RED DEVIL Wood Scraper is similar in quality and shape to the No. 50 but has an exceptionally long handle—14″ overall. This extra length permits easy scraping underneath and behind radiators and other obstructions and permits use of both hands. The perfect answer to "long reach" wood scraping problems. Uses RED DEVIL No. 2 1/2 double edge replaceable blades.

RED DEVIL NO. 14—PACKED 6 IN A CARTON. 1 GROSS IN A CASE. WEIGHT 6 1/2 POUNDS PER DOZEN.

Red Devil

WOOD SCRAPERS

How To Use The RED DEVIL Double Blade Scrapers

Here's the proper grip for easiest, speediest, and best results. RED DEVIL Scrapers are designed to properly fit the hand.

Hold Scraper as illustrated for best results. Always scrape at an angle to the grain of the wood and with the grain if possible. To scrape paint, varnish, etc., bear down only hard enough to remove old material and until the surface is exposed, so that a fine smooth surface is secured. RED DEVIL Scrapers will scrape the paint or varnish from automobiles without the aid of varnish remover, if handled properly.

To sharpen always file against the bevel and keep the original angle. All RED DEVIL scrapers can be sharpened hundreds of times if the handle is securely held in a vise and the proper care is exercised. All RED DEVIL scraper blades are tempered under file hardness. Use either a scraper file (Page 21) or carborundum stone to sharpen.

Blades are quickly and easily removed for sharpening or replacement.

Boatsmen find RED DEVIL Scrapers ideal because barnacles and paint do not slide up handle and because they will float when accidentally dropped overboard.

SCRAPERS AND BLADES

are attractively packed for DISPLAY SALES at POPULAR PRICES

Popular RED DEVIL WOOD SCRAPERS are shipped one-half dozen and one dozen in handsome two-color display boxes. The top of the box folds back. Tools are in full view for faster sales. The Nos. 40, 50, 4, 5, and 8 are regularly shipped in these striking displays.

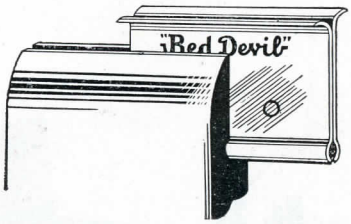
RED DEVIL Nos. 1 1/2, 1 1/2A, 2 1/2, 2 1/2 A Replaceable Double-Edge Blades are regularly shipped one dozen in a display box.

Glass Scrapers are found on page 29. Handy Pack Sand Paper Holders are found on page 27.

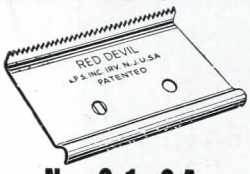
Red Devil

INTERCHANGEABLE SCRAPER BLADES

Illustrated at right is a pair of RED DEVIL double edge blades, partially removed from scraper. These blades are made of 21 gauge .90 carbon steel, take a keen edge and hold it. Blades are easily pushed in and out of handle without screws, gadgets, or special tools. No. 1½ and No. 2½ are of similar design but of different width.



No. 1½ and 2½ Blades are offered with serrated edge, as well as supersharp blades, if desired, at no advance in list. Big time savers on rough surfaces. User can divide pair so one side is sharp and other serrated.



No. 2 1/2A

ZIP ALL BLADES — for No. 12 RED DEVIL SCRAPER, reversible edge blades in 2½". No. 12, 2½" — PACKED 1 DOZEN IN BOX. WEIGHT 6 OUNCES.

RED DEVIL Double Edge No. 1½ — 1½" wide. For Nos. 1½, 4, and 40 Wood Scraper. Packed 1 Dozen Pair In Display Box. Weight ½ lb. Order No. 1½A if Serrated Edge Is Desired.

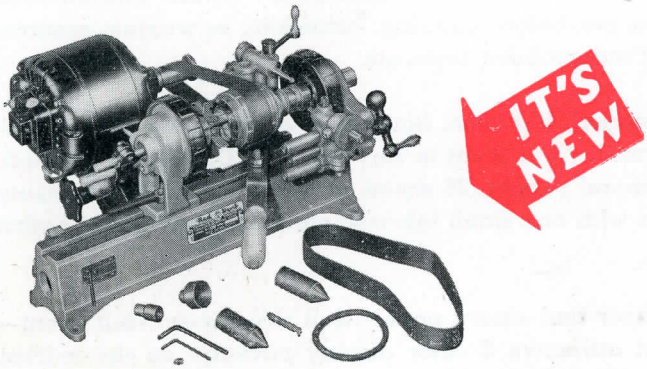
RED DEVIL Double Edge No. 2½ — are 2½" Wide. For Nos. 2½, 5, 50, WS 7, 8, 14, and 18 Wood Scraper. Packed 1 Dozen Pair In Display Box. Weight 1 lb. Order No. 2½A if Serrated Edge Is Desired.

SEE PAGES 21 TO 25 FOR RED DEVIL WOOD SCRAPERS. SEE PAGE 21 FOR SCRAPER FILE.

Red Devil

NEW AUTOMOTIVE REPAIR ITEMS

AL1 ARMATURE LATHE

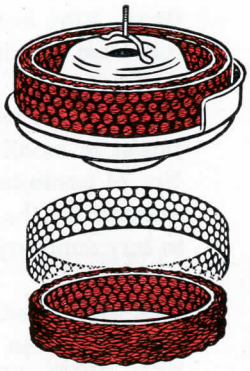


SIMPLIFIES MOTOR AND GENERATOR REPAIRS

RED DEVIL'S new AL 1 Armature Lathe is a precision machine complete with all accessories. Turns, undercuts, overcuts and resurfaces armatures up to 6" diameter with commutators up to 3¼" diameter. Motor reverse to clean work. Ideal for motor repair shops. Holds centered or uncentered armatures. Quick-acting tail-stock handle simplifies adjustments. Undercuts accurately with perfect depth adjustment. Turns true without vibration. AL 1 complete with ¼ H.P. motor, two female centers, two male centers, one standard thrust plug, one extension thrust plug, three Allen set screws, wrenches, one 3 7/16" OD x 7/32" dia. round undercutter drive belt, one 1⅛" x 25" flat armature drive belt, one each medium finish and polish grade resurfacers, one brush seater, two each 5/16" x ⅛" x .015" and 5/16" x ⅛" x .020" saws. Min.-Max. distance between chuck bases 3" to 13".

RED DEVIL AL 1. One in a Carton, wt. 78 lbs.

AIR FILTERS REFILLS



Metal Mesh Ring Type Fit Most Cars Using A-C Air Filters

Write for Complete List of Models Covered

IT'S NEW

With the Red Devil Air Filter Refills only the metal mesh refill is changed—perforated metal ring holders are used indefinitely. Not impregnated with oil. Impregnation is done at time of installation. Easier to store (1 dozen flat packed Red Devil refills take up 1/6 the space of old type). Made of finest metal mesh in sizes for most cars.

RED DEVIL AF 1 packed 12 in a box, 3 boxes to a carton, weight 22 lbs. gross.

RED DEVIL AF 2 packed 12 in a box, 3 boxes to a carton, weight 21 lbs. gross.

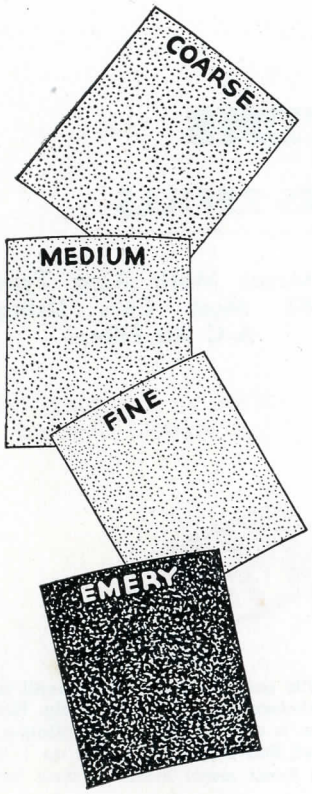
RED DEVIL AF 3 packed 12 in a box, 3 boxes to a carton, weight 27 lbs. gross.

Red Devil

HANDY PACK SANDPAPER

No. 23

No. 24



FOUR GRITS IN EACH HANDY PACK

Coarse, Medium and Fine for Wood; Emery Paper for Metal Work

Unusual RED DEVIL Packaging Bring Instant Customer Acceptance for Handy Pack Sandpaper

RED DEVIL "Handy Pack" Sandpaper and Emery Paper is universally useful to housekeepers, handy men, glaziers and mechanics—scours rust and grease from stove tops, pots and pans—cleans and smooths floors, trim, furniture, etc. before painting, varnishing or waxing, removes rust from tire rims of automobiles, tools, etc.

The painter, woodworker, hobbyist, housewife, and anyone using sandpaper in small quantities will want to buy this RED DEVIL Handy Pack. No. 24 contains a liberal supply, 20 sheets and No. 23 contains 8 sheets, enough for the man with one small job who would ordinarily not bother to buy sandpaper.

Best quality sandpaper and emery paper—full size sheets—full count—packed in the most attractive 2 color display package on the market. RED DEVIL "Handy Pack" Sandpaper fits Nos. 9 and 9a Sandpaper Holders (page 27) but can be used without the holder.

RED DEVIL NO. 23—2 dozen in display carton. 4 gross in case; weight 72 lbs.

RED DEVIL NO. 24—1 dozen in display carton. 2 gross in case; weight 72 lbs.

Red Devil
SANDPAPER HOLDERS

Patented

No. 9

No. 9A

A low-priced, fast-selling RED DEVIL tool of ever increasing popularity for the painter, wood worker, pattern maker, homecrafter, and anyone using sandpaper.

When the Missus changes the color scheme.

Making the stairs look like new.

A hundred and one uses for the craftsman.

These sturdy holders take RED DEVIL Handy Pack Size of sandpaper, emery paper, etc., as shown on opposite page, also hold 1/4 sheet standard size. Equipped with quick trigger control of grip and release. The paper is held very taut, with slight bulge on bottom giving 100% results on surfaces and corners and getting 100% wear from all parts of the paper. All steel with simple, fool-proof locking device, bright polished handle. 4 1/2 inches long, 3 1/2 inches wide.

No. 9A is the same as the No. 9 with the addition of a sponge rubber base which adds resiliency and has the necessary "give" needed to get best results on many types of surfaces, irregular or curved.

***RED DEVIL NO. 9**—1 DOZEN IN DISPLAY; 1 GROSS IN CASE; WEIGHT PER GROSS 75 LBS.

RED DEVIL NO. 9A—1 DOZEN IN DISPLAY; 1 GROSS IN CASE; WEIGHT PER GROSS 78 LBS.

*To fit No. 9 holder, we supply a mohair rug pad, ideal for painting screens.

(See pages 51 to 55 for RED DEVIL Floor Sanding Machine and Vacuum Edger)

Clean 'em up quick — ready for enamel.

When the stove top takes a shine.

A handy new tool for the painter.

Red Devil
MODERN
POT CLEANERS

Tested and Approved Good Housekeeping Institute Good Housekeeping Magazine

THE LARGEST, HEAVIEST, BIGGEST POT CLEANER VALUE

Here's a brand-new, popular "ball" type pot cleaner. It's actually knit like a woman's stocking to give greater interior and exterior scouring surface, and longer wear.

Red Devils bulk big and are thus gentle on the hand of the user. Very durable and tough and saves on soap.

This ball type pot cleaner stays resilient and does not mat tight, as will steel wool type cleaners. There are never any "splinters," shreds, or tiny drain-clogging particles.

Red Devils are entirely sanitary. They remain much cleaner than the old-type stiff wire.

NEW "RED DEVIL" DISPLAY

Many people who come in for entirely unrelated items will buy the new 10c RED DEVIL at sight of this handsome 2-color "sales suggester" containing 24 of these giant-sized cleaners. Put it to work on your counter, shelf or table, or in your store window. Notice how quickly it helps you turn over profitable sales. RED DEVIL Pot Cleaners, packed 2 doz. in display, 2½ gross in carton, weight 33 lbs.

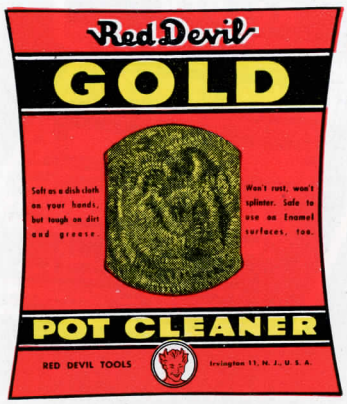
NATIONALLY ADVERTISED

Upper photo shows how "big" a Red Devil really is, and the lower photo shows a Red Devil opened up and extended to its full length. Note the fine silky mesh that is formed into a strong ball. That's why the Red Devil, with its increased scouring surfaces, quickly cleans off rust, grease, and burned food and puts a mirror-shine on pots and pans. Excellent, too, for cleaning crusted food from glass or metal ovenware, in cleaning sinks, stoves, roasting and drip pans, grilles, tile, etc.

Red Devil

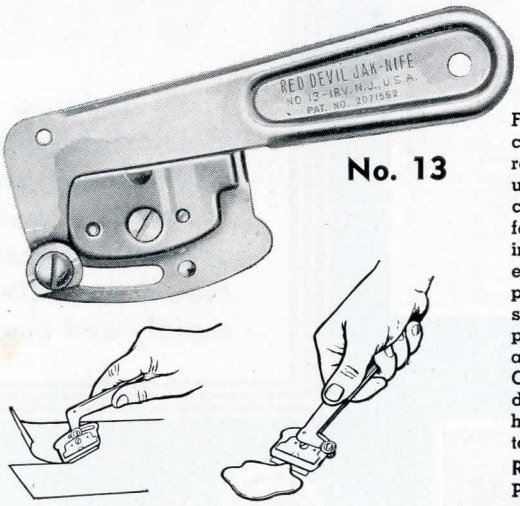
MODERN

POT CLEANERS



"Soft as a Dish Cloth on the Hands" is the bright as "GOLD" RED DEVIL CLEANER, illustrated at left. Made of bronze alloy scouring ribbon — an aristocrat of the cleaner family. A cleaner extremely yielding and flexible for effective scouring in the corners. Put up in a colorful cellophane envelope that attracts attention and sales. Any woman who is proud of her soft hands as well as of her shining pots and pans is sure to like this one.
2 Dozen in Display. 2½ Gross in Carton. Weight 33 lbs.

RAZOR BLADE HOLDERS AND SCRAPERS



No. 13

JAK-NIFE SCRAPERS

IT'S NEW

From the safety angle alone, No. 13 Jak-Nife cannot be surpassed as a razor blade scraper regardless of price. It's the tool of a hundred uses. Latest and best in this type of tool, it combines a strong, effective cutting edge that folds into itself like a jack knife (as shown in the illustration). Holds a single or double edge blade. Used as a scraper for cleaning paint, putty, or labels off glass, and other surfaces; used as a cutter for cutting wall paper, wrapping paper and other materials; and as a knife for many auxiliary purposes. Can be set and locked at any number of desired angles or parallel at right angles to handle. Hole in handle for hanging, or attaching to a chain.

RED DEVIL No. 13—PACKED 12 IN DISPLAY. WEIGHT, PER DOZEN, 1 1/4 LBS.

No. L S 1 LUCITE ALL-PURPOSE SCRAPER

The finest scraper made for home and general utility use. The blade is made of a lucite block, honed to a sharp scraping edge that absolutely WILL NOT SCRATCH OR MAR glass or wood. The perfect tool for scraping wind shields, scraping paint or varnish from the finest furniture, cleaning stickers from store windows, scraping excess paint from artists' palette. Blade will not break, cannot cut fingers and is easily resharpened with a fingernail file.

RED DEVIL L S 1 SCRAPER PACKED 1 TO A CARD, 3 DOZ. IN CARTON; WEIGHT, PER GROSS, 18 LBS.

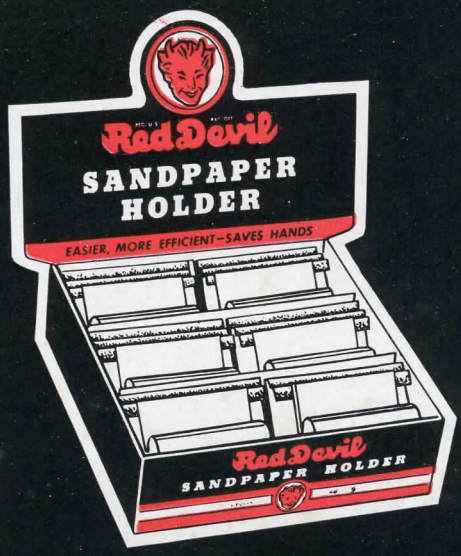
NO. 49 RAZOR BLADE SCRAPER

"Whistle While you Work" when you use the RED DEVIL No. 49 A convenient hand tool with removable protecting shield. Fitted with single edge blade, non-slip handle. Small and compact, easy to hold, making it ideal for removing stickers from windows and getting paint or putty out of corners. Hole intented for hanging purposes can also be used as a real whistle.

RED DEVIL No. 49—24 ON DISPLAY CARD, WEIGHT 2 LBS.

SPECIAL DISPLAY CARDS

12 No. 49 Scrapers and 6 No. 13 Scrapers
(Order combination scraper card)
24 No. 49 Scrapers—order No. 49 Card.
12 No. 13 Scrapers—order No. 13 Card.



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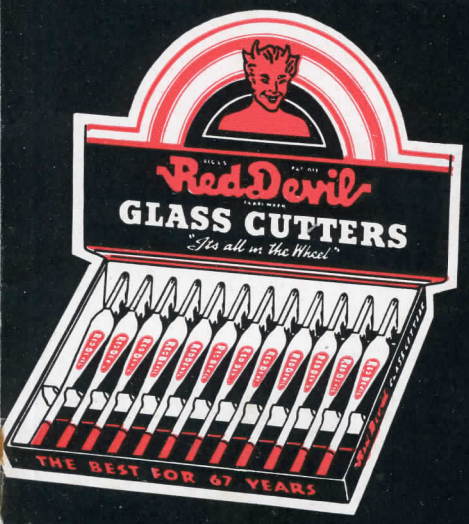

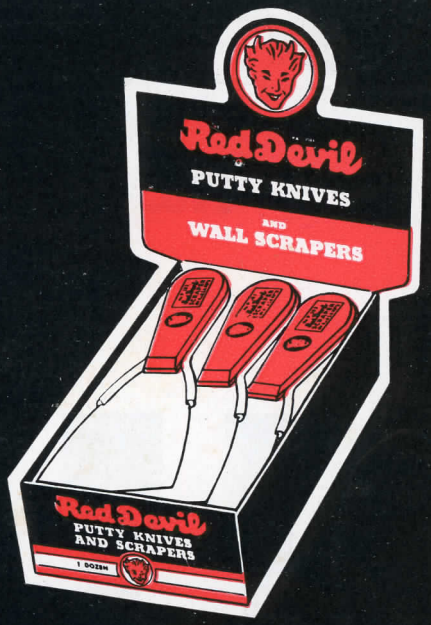

Devil

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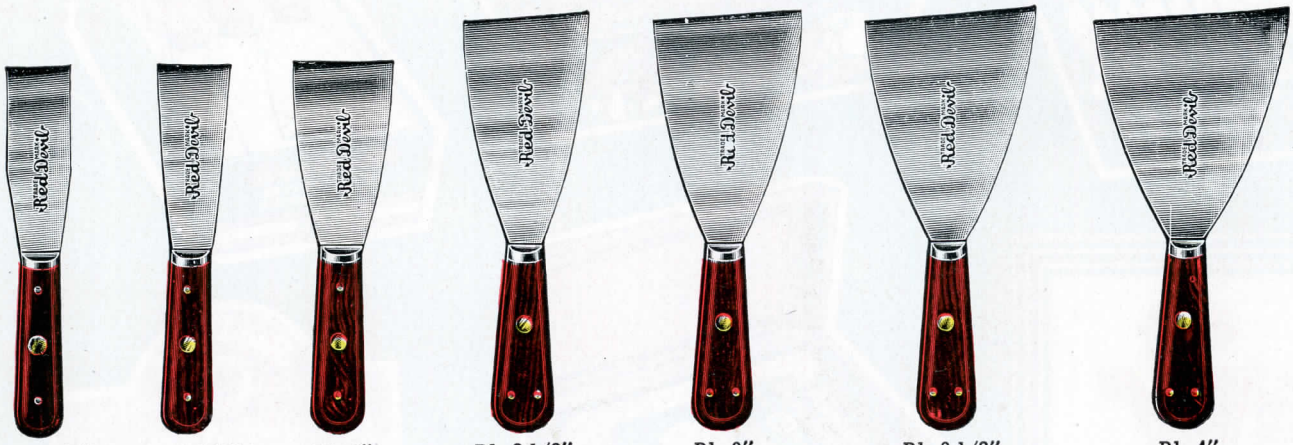
Red Devil

No. P1 SERIES PUTTY KNIVES AND WALL SCRAPERS



P1 1 1/4″ P1 1 1/2″ P1 2″ P1 2 1/2″ P1 3″ P1 3 1/2″ P1 4″

These RED DEVIL tools are examples of the finest quality that modern equipment and manual skill can produce — mechanics' cutlery at its best. This quality not only embraces materials used but is reflected in every detail of design and finish, including the mirror polished blades. This is a line of uniform design, in all sizes from 1 1/4″ to 4″ blade width and in various blade tempers. It gives the critical mechanic a selection of tools of very highest grade at remarkable values.

Quality Features

Blade—High Carbon Cutlery Tool Steel, Mirror Polished. Oil Hardened and Tempered and Full Taper Ground under water. Etched with Brand and Stock Number. Putty Knives—Square Point. Scrapers—Clip Point.

Handle—Genuine Nicaraguan Cocobolo or Rosewood. Full Oval End. Wax polished by hand.

Bolster—White Alloy. Cast through Tang of Blade.

Rivets—Two Brass Pins, One Brass Saw.

Packing—One dozen in Display Box.

Putty Knives

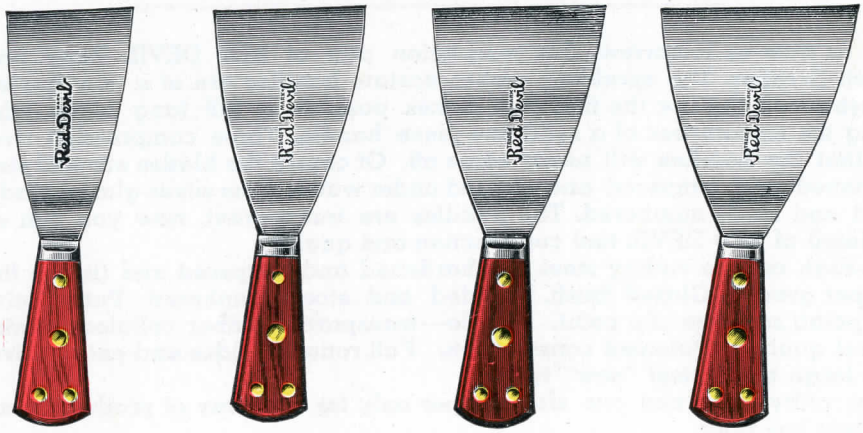
No.			Wt. Per Doz.
P1-1 1/4S	1 1/4″	Stiff	2 lb. 2 oz.
P1-1 1/4F		Flexible	1 lb. 15 oz.
P1-1 1/2S	1 1/2″	Stiff	2 lb. 4 oz.
P1-1 1/2F		Flexible	2 lb. 1 oz.
P1-2S	2″	Stiff	2 lb. 9 oz.
P1-2F		Flexible	2 lb. 1 oz.

Wall Scrapers

No.			Wt. Per Doz.
P1-2 1/2S	2 1/2″	Stiff	3 lb. 4 oz.
P1-2 1/2F		Flexible	2 lb. 9 oz.
P1-2 1/2SF		Superflex	2 lb. 5 oz.
P1-3S	3″	Stiff	3 lb. 9 oz.
P1-3F		Flexible	2 lb. 13 oz.
P1-3SF		Superflex	2 lb. 9 oz.
P1-3 1/2S	3 1/2″	Stiff	3 lb. 10 oz.
P1-3 1/2F		Flexible	2 lb. 13 oz.
P1-3 1/2SF		Superflex	2 lb. 9 oz.
P1-4S	4″	Stiff	3 lb. 14 oz.
P1-4F		Flexible	3 lb. 0 oz.
P1-4SF		Superflex	2 lb. 10 oz.

Red Devil

No. P 2 SERIES WALL SCRAPERS



P2 2 1/2" P2 3" P2 3 1/2" P2 4"

In order to meet the demand from a large number of mechanics for a tool with an oversize handle, we have developed this group of four wall scrapers. The handle of genuine Nicaraguan Cocobolo or Rosewood is BIG, big enough to fill the largest "paw" and insure against hand cramp. We've made sure the handles won't come off by fastening them to the tongue of the blades with four (not two) solid brass saw type compression rivets and we've finished the job off with white alloy bolster cast through the blades. We've changed the blades too: broadened them along the side to give a broad spatula effect. And of course—clip point taper ground tool steel blades (stiff, flexible, or super flexible) that are oil tempered just right. Mirror finished and etched blades. These are the FINEST WALL SCRAPERS IN THE WORLD regardless of price, and you'll be astonished at how low the price really is. You'll like them.

QUALITY FEATURES

Blades of high carbon cutlery tool steel, mirror polished oil hardened and tempered and full taper ground under water. Etched with brand and stock number, clip point, handle oversize Nicaraguan Cocobolo or Rosewood. Wide oval end wax polished by hand. Bolster white alloy cast through tang of blade. Four brass saw rivets.

Wall Scrapers

No.			Wt. Per Doz.
P2-2 1/2S	2 1/2"	Stiff	4 lb. 2 oz.
P2-2 1/2F		Flexible	3 lb. 4 oz.
P2-2 1/2SF		Superflex	3 lb. 0 oz.
P2-3S	3"	Stiff	4 lb. 6 oz.
P2-3F		Flexible	3 lb. 6 oz.
P2-3SF		Superflex	3 lb. 2 oz.
P2-3 1/2S	3 1/2"	Stiff	4 lb. 10 oz.
P2-3 1/2F		Flexible	3 lb. 8 oz.
P2-3 1/2SF		Superflex	3 lb. 4 oz.
P2-4S	4"	Stiff	4 lb. 14 oz.
P2-4F		Flexible	3 lb. 10 oz.
P2-4SF		Superflex	3 lb. 5 oz.

Packing 1 Dozen in Display Box

Would You Like This Decalcomania

Jobbers and dealers stocking RED DEVIL Glass Cutters, Painters' Cutlery, Wood Scrapers and other hand tools have made requests for sturdy Decalcomanias for use on display cases, doors, etc. In answer to this demand, a 3 1/4" high Decal of the finest quality has been designed.
They're free for the asking.

Red Devil

NO. P-23 SERIES PUTTY KNIVES AND WALL SCRAPER

No. P23—1 1/4

They're as new as tomorrow, this companion pair of RED DEVIL Putty Knife and Wall Scraper. The sparkling amber acetate handles are of a new (patented) construction that for the first time makes possible a full tang blade while retaining the smoothness of a solid one-piece handle. Three compression rivets assure that the handles will never come off. Of course the blades are tool steel, oil hardened and tempered and ground under water. Fine silver-glazed blades, branded and stock numbered. The handles are transparent, now you can see every detail of RED DEVIL tool construction and quality.

Blade—High carbon cutlery steel. Oil hardened and tempered and (in the flexible) taper ground. Glazed finish, branded and stock numbered. Putty knives square point; scrapers clip point. Handle—transparent amber cellulose acetate of highest quality. Patented construction. Full rounded sides and ends. Rivets—three large brass steel "saw" type.

One size putty knife and one size scraper only for economy of production and consequent low price

No. P23—3

NO. P 23—1 1/4″ Putty Knife with stiff or flexible blade, packed 1 doz. to a box. P 23 1/4 stiff 1 lb. 8 oz. per doz. P 23 1 1/4″ Flexible, 1 lb., 6 oz. per doz.

NO. P 23—3″ Wall Scraper with stiff or flexible blade, packed 1 doz. to a box. P 23—3″ stiff—3 lbs. 10 oz. per doz. P 23—3″ flexible 2 lbs. 13 oz. per doz.

Putty Knives

Good quality for the handyman, widely employed by garage mechanics for removing carbon and for general use around automobiles. High carbon, saw steel blades, closed end nickel plated ferrules, genuine hardwood handles.

NO. P102 —1 3/16″ SEMIFLEX BLADE, OVAL HANDLE. WEIGHT PER DOZ. 1 LB. 8 OZ. MINIMUM SHIPPING QUANTITY —1 GROSS CARTON.

Wall Scrapers

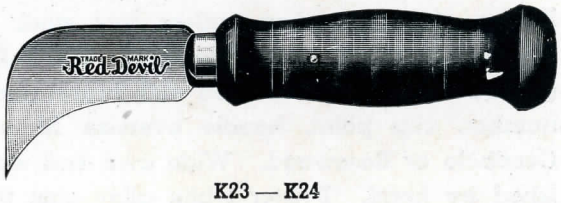
RED DEVIL P103 is a mechanic's scraper at the price of a household tool. Patented construction welds the blade and handle into one piece without the use of rivets. The blade simply cannot come loose and you can't split that steel bound handle. Notice that the steel guards make the blade bend (when working) across the red line, not at the handle where the ordinary knife is weakest.

NO. P103 —3″ SEMIFLEX CLIP BLADE, RED ENAMEL HANDLE. PACKED 1 DOZ. IN DISPLAY. WEIGHT PER DOZ. 3 LBS. 8 OZ.

LINOLEUM AND ROOFING KNIVES

The finest quality professional Hawk-Bill Linoleum Knives. High carbon cutlery tool steel blades, oil hardened and tempered to absolute uniformity. Taper ground back to edge to insure free cutting and quick sharpening. Genuine oversize HAND BURNT MAPLE handle pinned through tang of blade by heavy steel pin. Closed end nickel plated ferrule. Packing: 1/2 dozen in box.

No.	Blade	Handle	Wt. Per Doz.
K 23	**2 1/2″**	**Burnt Maple**	**2 lb. 5 oz.**
K 24	**3 1/4″**	**Burnt Maple**	**2 lb. 9 oz.**



K23 — K24

Red Devil

PUTTY SPREADERS AND CHISELS

P15

Extra Heavy Taper Ground

Designed for the mechanic who wants a real "he-man" RED DEVIL tool and who will not be satisfied unless he gets the best. The blade is of carefully hardened tool steel and is handsomely mirror polished. The handle is solid Nicaraguan Cocobolo or Rosewood, wax polished by hand and securely pinned through the tang of the blade. Mounted with extra heavy solid brass ferrule.

Packing: 1 dozen in a box.

RED DEVIL No. P15-1 1/2, Blade 1 1/2″ Extra Heavy Taper Ground, Wt. Per Doz. 2 lbs. 1 oz.

P1 1 1/2C

Extra Heavy Straight Ground

Finest quality throughout. Extra heavy hardened tool steel blade, uniform in thickness from the handle to the end. Mirror finished. Handle is of 2-piece (scale) construction genuine hand polished Nicaraguan Cocobolo or Rosewood, permanently fixed to the blade tang by 2 brass pins and 1 large brass compression saw rivet. Lap type, heavy alloy bolster.

Packing: 1 dozen in a box.

No. P17-1 1/4, Blade 1 1/4″ Extra Heavy Straight Ground, Wt. Per Doz. 4 lbs. 1 oz.

NOTE: This tool is regularly furnished with chisel point. If full blunt point is wanted, specify No. P17-1 1/4B.

P1-1 1/2C, Blade 1 1/2″, is similar to RED DEVIL P17 with the exception of the Full Oval End handle, and taper sided blade. Long bevel chisel point.

Packing: 1 dozen in a box.

No. P1-1 1/2C, Blade 1 1/2″ Extra Heavy, Wt. Per Doz. 3 lbs. 4 oz.

P17

BENT KNIFE

For Steel Sash Work

P19

A RED DEVIL "Natural" for steel sash work and filling cracks in floors, pointing up wall board joints, "spachtling" trim, etc. Tempered tool steel blade ground to have the right "hang," hand polished scale tang cocobolo handle, 2 brass pin rivets, 1 large brass compression saw rivet, white alloy bolster.

Packing: 1 dozen in a box.

RED DEVIL No. P19-1 1/8, Blade 1 1/8″ Bent, Wt. Per Doz. 2 lbs. 2 oz.

RED DEVIL No. P19-1 1/2, Blade 1 1/2″ Bent, Wt. Per Doz. 2 lbs. 6 oz.

BURN-OFF KNIFE

New Style, Long Handle

No more burned fingers—no more barked knuckles—if these RED DEVIL "Burn-off" Knives are used. The 7 1/2″ long handle keeps hands away from scorching contacts when working with a torch — also prevents skinned knuckles when working under a radiator because of the long reach afforded. It adds another foot to any man's reach and saves shifting ladder or planks so often. Hardened and tempered taper ground tool steel blade. Clip point. (Stiff only). 7 1/2″ long beech handle slotted to receive tang of blade. 3 large brass compression saw rivets.

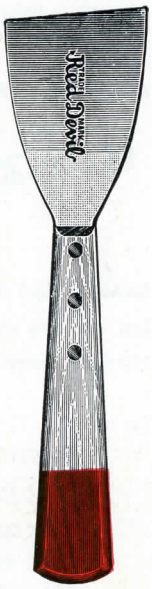
Packing: 1/2 dozen in a box.

No. P25-2 1/2, Blade 2 1/2″ Stiff, Wt. Per Doz. 4 lbs. 14 oz.

No. P25-3, Blade 3″ Stiff, Wt. Per Doz. 5 lbs. 4 oz.

No. P25-3 1/2, Blade 3 1/2″ Stiff, Wt. Per Doz. 5 lbs. 6 oz.

No. P25-4, Blade 4″ Stiff, Wt. Per Doz. 5 lbs. 11 oz.

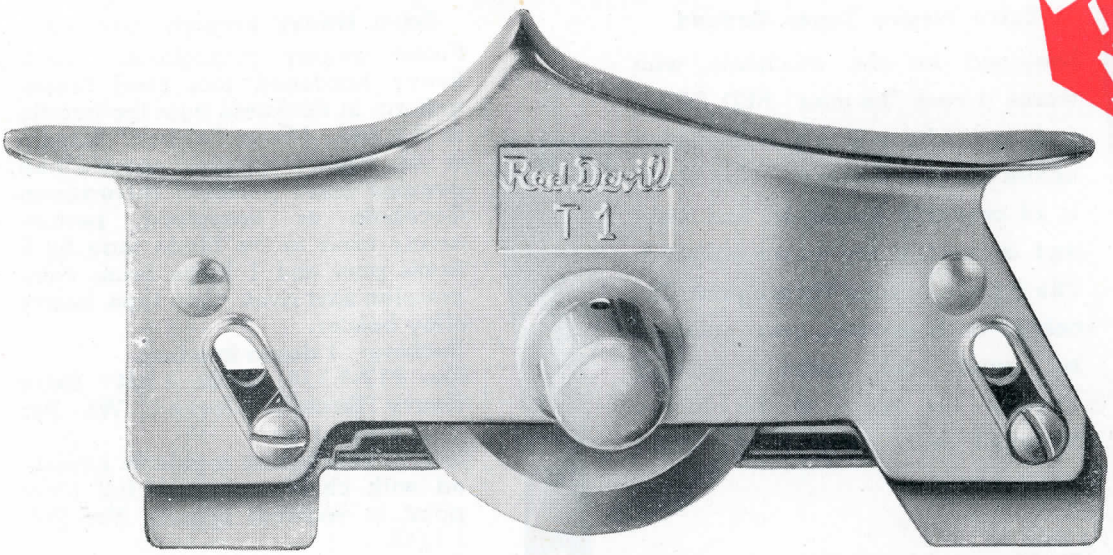


P25

Red Devil

TI WALL PAPER TRIMMER

IT'S NEW

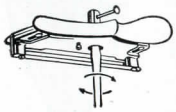


Larger, lighter, easier to use, the Red Devil T 1 Wallpaper Trimmer is the perfect tool for use with the Red Devil Straight Edge. Special nickel chrome plated alloy body is designed to fit the hand. New spring design gives new, easy, level action — operates with a minimum of pressure — lifts instantly when pressure is released. Box type track guide insures steadiness, bronze bushing in blade arbor assures long wear. Blade adjustment is positive and simple, cannot get out of order. Blade easily removed without taking Trimmer apart.

DIRECTIONS FOR USING THE T 1

CARE—Keep the straight edge track clean. On a track gummed up with paste, the trimmer cannot work freely. The track guide fits standard track dimensions .620 x .045. Oil with a light machine oil.

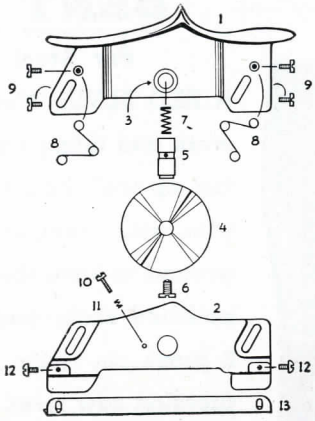
REMOVING THE BLADE—



To remove blade only, insert a nail or pin through oil hole into corresponding hole in arbor. This locks the arbor. Then loosen the arbor screw by turning it to the right. It has a left hand thread.

REASSEMBLY OF TRIMMER—

Lay the case springs in the cavity of the track guide. The boss on the Trimmer Case can be inserted easily through the upper loop of the spring.



Exploded View Showing Each Part In Proper Position

HANDY RED DEVIL HANDY TRIMMER BLADES

Red Devil Trimmer Blades for the T-1 Wallpaper Trimmer are machined and honed to a tough shearing edge, and will long outlast ordinary blades. Maintain easy smoothness by inserting a new Red Devil Trimmer Blade as needed.

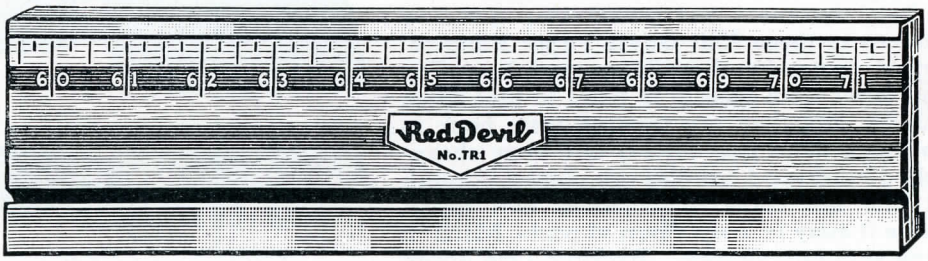
RED DEVIL T-1 Packed 1 in a box. Shipping wt. ½ lb.

ORDER REPLACEMENT PARTS BY NAME AND NUMBER

1. Trimming Case
2. Track Guide
3. Arbor Bushing
4. Trimmer Blade
5. Blade Arbor
6. Arbor Screw
7. Arbor Spring
8. Case Springs
9. Assembly Screws
10. Blade Adjusting Screws
11. Adjusting Spring
12. Angle Guide Screws
13. Angle Guide

Red Devil

PAPER HANGERS STRAIGHT EDGES



IT'S NEW

PRECISION MADE FOR USE WITH RED DEVIL PAPER HANGER'S KNIVES OR TRIMMERS

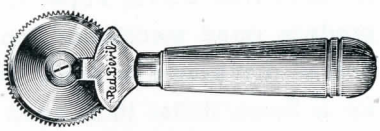
The paper hanger's choice for use with casing wheel knives or the T 1 Trimmer. Brass bound, 7 ply laminated construction guaranteed against warping. Only the finest materials — clear, straight grained seasoned White Pine and Philippine Mahogany — are used in these finer Red Devil Straight Edges. Accurately graduated and finished in natural with high gloss, damp proof synthetic varnish. Made with precision cut trimmer track, brass bound to prevent wear, for use with trimmers, or without track for use with paper knife.

No. TR 1—Brass bound with standard trimmer track. Seven ply wood lamination. Sizes 6 ft., 7 ft., and 8 ft. Every straight edge is individually paper wrapped.

RED DEVIL TR 1 —WT. 4¼ LBS. (7 FT.)

No. TR 2 — Same construction as No. TR 1, except without trimmer track, for use with paper knife. Brass bound. Sizes 6 ft., 7 ft., and 8 ft.

RED DEVIL TR 2—WT. 4½ LBS. (7 FT.)



DOUBLE GUARD

STANDARD QUALITY CASING WHEEL KNIVES

RED DEVIL casing wheel knives are equipped with hardened steel bearing washers to insure long lived accurate running. Double guard style only. Varnished hardwood handles. Plain and serrated wheels only. Packing—1 dozen in box.

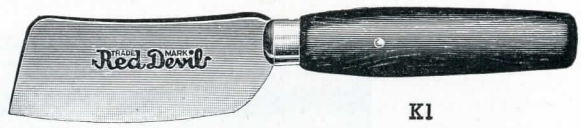
No.			Wt. Per Dz.	No.			Wt. Per Dz.
PW 1 1/2	1 1/2″ Wheel	Plain	1 lb. 11 oz.	PW 2	2″ Wheel	Plain	1 lb. 12 oz.
SW 1 1/2	1 1/2″ Wheel	Serrated	1 lb. 11 oz.	SW 2	2″ Wheel	Serrated	1 lb. 12 oz.

Red Devil

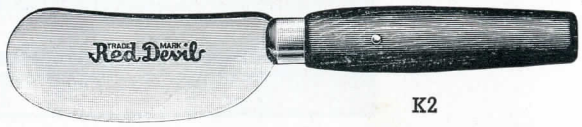
PAPER HANGERS' KNIVES

The special 90/100 point carbon tool steel, coupled with the most careful heat treatment and painstaking grinding under water produces in these RED DEVIL Paper Hangers' Knives just the right professional working qualities. The blades are ground taper from handle to point to give them "hang" and flexibility and they are tapered from back to the keen edge to make them free cutting and easy sharpening. The varnished hardwood handles are pinned through the blades, and will not come off. Closed end nickel plated ferrules make it easy to keep clean of paste. Medium size blades in three standard shapes. Packing: One dozen in a box.

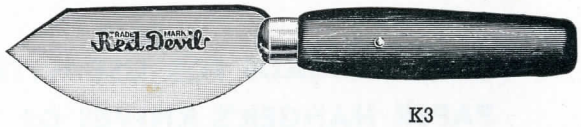
No.	Blade	Wt. Per Doz.
K1	**3 1/4 x 1 3/8 Square Point**	**1 lb. 1 oz.**
K2	**3 1/4 x 1 3/8 Round Point**	**1 lb. 1 oz.**
K3	**3 1/8 x 1 1/8 Clip Point**	**14 oz.**



K1



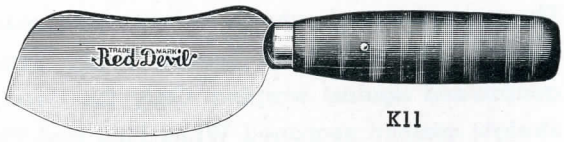
K2



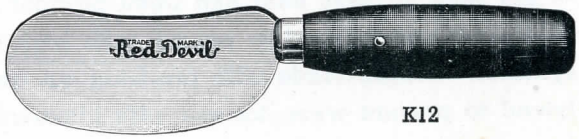
K3

For mechanics who prefer the larger size blades, we offer these RED DEVIL Knives in square and round point styles. Genuine HAND BURNT MAPLE handles on these tools. Special tool steel blades, double taper ground. Pinned handles, deep slotted closed end nickel plated ferrules. The finest type of cutlery. Packing: One dozen in a box.

No.	Blade	Wt. Per Doz.
K11	**3 3/4 x 1 5/8 Square Point**	**1 lb. 6 oz.**
K12	**3 3/4 x 1 5/8 Round Point**	**1 lb. 6 oz.**

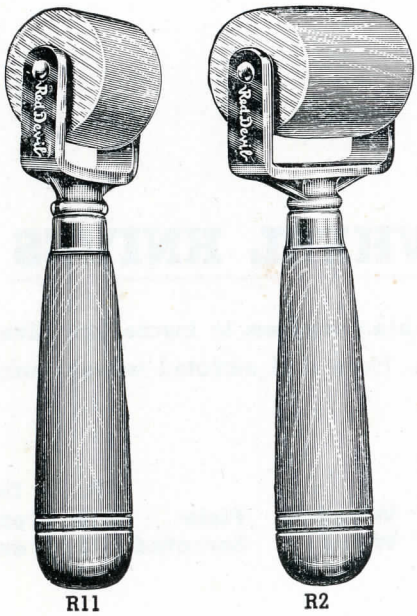


K11



K12

SEAM ROLLERS



R11 R2

In these RED DEVIL Paper Hangers' Seam Rollers, we have tried to produce good mechanics' tools, free from so-called "improvements" and at a reasonable price. We haven't yet found a better material for a Seam Roller than good old-fashioned kiln dried New England Rock Maple, provided the working surfaces are hand rubbed and polished as ours are and not just dipped in shellac. Steel axle pins driven right through the rollers will never come out and you can't break the nickel plated one-piece combination fork and shank. Double scored varnished handles, sealed nickel plated ferrules. Packing: 1/2 dozen in a box.

See Pages 36 and 37 for Wallpaper Trimmer and Straight Edges

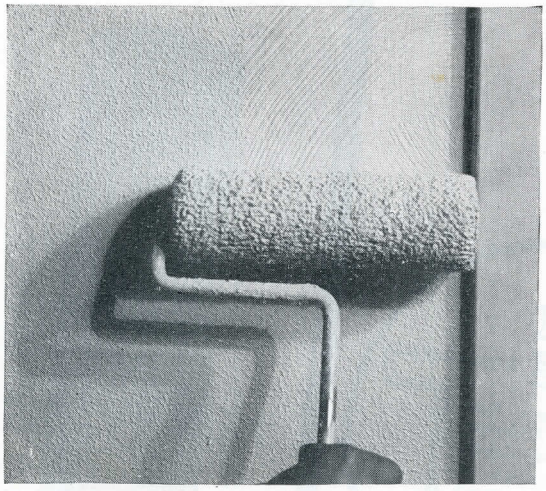
No.	Roller	Wt. Per Doz.
R 1	**1″ Oval Face**	**3 lb. 1 oz.**
R11	**1″ Straight Face**	**3 lb. 2 oz.**
R 2	**2″ Oval Face**	**4 lb. 2 oz.**
R12	**2″ Straight Face**	**4 lb. 3 oz.**

Red Devil

ROLLER STIPPLERS

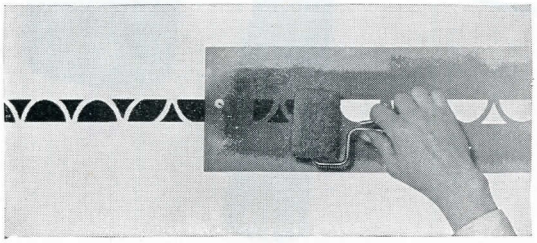
With the advent of the RED DEVIL Roller Stipplers, the tedious efforts and long drawn out operations spent with brush-stippling are over at last. Estimates and equipment and final workmanship, too, are improved. More beautifully painted walls and ceilings are assured because the stippling is always perfectly uniform. Work equally well with flat or gloss. No brush marks show—no laps, joints, or holidays, no flat blotched ceilings. As there is no pounding, plaster is not loosened and cracks are not opened. Colors can easily be changed on the job without any fuss or bother by simply replacing cover. Many painters carry extra stipplers for each color of finish to be used on a job. RED DEVIL Roller Stipplers are in demand in rush interior and exterior painting.

How To Use A RED DEVIL Roller Stippler



A RED DEVIL Stippler gets right up close to a door or window casing, molding, baseboard, behind radiator, into niches or corners.

The No. 25, below, is also perfect for STENCILING.



The same Stippler is used for fine and coarse stippling. The fine stipple is obtained by applying paint and brushing out well before stippling. The thinner the coat of paint, the finer the stipple. A heavier coat will produce a coarser stipple.

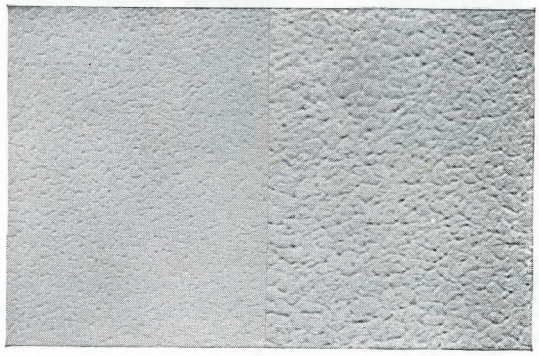
Apply paint to the roller using a paint brush to spread the paint at all times. Roll the roller back and forth on paper until the paint is uniform and excess lint is removed. A pronounced sucking sound is noticeable when roller is ready to operate—when sucking sound stops apply more paint.

The paint on walls or ceiling should be allowed to set slightly before stippling.

Apply the roller to painted surface in any direction, preferably up and down on side walls and back and forth in one direction on ceilings. Use only the slightest pressure. As the roller distributes paint as it rolls, the same care need not be given to the uniformity of paint on the walls, as when a stippling brush is used.

Additional complete and detailed instructions are supplied with each set or will be mailed upon request.

STENCILING: The No. RS 3 RED DEVIL Roller Stippler with 3″ long cover, altho designed for close quarters or small surface stippling is also highly recommended for stenciling. Approximately 20 feet of paint can be applied to an average stencil without refill. Paint cannot run in back of stencil as when brush is used. The job is much easier and faster when you use a No. RS 3.



Beautiful painted walls and ceilings—RED DEVIL Roller Stipplers will do anything a stippling brush can do—but better. Brushmarks, laps, joints or holidays, flat blotched ceilings, are not possible with a RED DEVIL.

RED DEVIL Roller Stipplers are offered in 4 sizes and price ranges. All illustrated have mirror-bright shaft, aluminum roller that is easily taken apart for cleaning, free moving bearings with Colofuse handle designed to comfortably fit the hand and permit proper grip. The all-wool covers are replaceable in all models. See following pages for details and specifications.

Red Devil

ROLLER STIPPLERS

(WITH REPLACEABLE COVERS)

RED DEVIL No. R S 1—"Standard" Roller Stippler with No. 28 cover. Length overall 13", Roller 6½". 1 to a box, 12 per carton, wt. per doz. 15 lbs.

RED DEVIL No. R S 2—"Deluxe" Roller Stippler with extra long handle with No. 28 cover. Length overall 17", Roller 6½". 1 to a box, 12 per carton, wt. per doz. 16 lbs.

RED DEVIL No. R S 3—"Household" Roller Stippler. Also recommended for stenciling. With No. 26 cover. Length overall 8", Roller 3". 1 to a box, 12 per carton, wt. per doz. 6 lbs.

RED DEVIL No. R S 4—"Master" Roller Stippler with extra long handle. No. 48 cover. Length overall 17", Roller 9¾". 1 to a box, 12 per carton, wt. per doz. 20 lbs.

Extra covers can be purchased individually or 1 doz. to a box.

Red Devil

NO. 28 W LAMBS WOOL COVER

FOR ROLLER PAINTING WITH OIL OR WATER PAINTS

Makes a roller painter of our R S 1 and R S 2 Stipplers. This deluxe oversize roller is made of the finest pure lambswool. Invisible seam assures smooth application without bumps or holidays. Permits roller painting with oil paint as well as modern cold water casein and phenolic resin paints.

RED DEVIL No. 28W — Packed 36 in a box. Shipping weight 6 lbs. per box.

Red Devil

NO. 89 ROLLER PAINTER

A new, fine quality painter's roller with that "buy on sight" appearance. The Deluxe oversize roller-carpet permits use with oil paint as well as modern cold water casein and phenolic resin paints. Perfectly balanced, the Red Devil No. 89 Roller Painter breezes through the toughest paint job. Smooth coverage is assured with the invisible seam construction of the pure wool carpet.

RED DEVIL No. 89 with oversize wool roll. 1 in a box, shipping weight 11 lbs. per doz.

NO. RST 1 SHEET PLASTIC TRAY

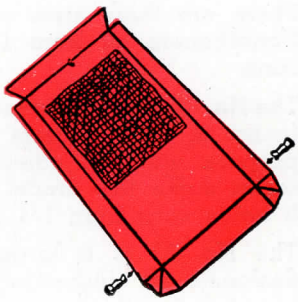
Red Devil's sensational new Paint Tray for roller painters or roller stipplers makes painting even simpler than before. No muss, no excess paint, no waste motion. Sturdily constructed of genuine sheet plastic on strong cardboard base, the tray has an inclined basin to hold paint at the lower end. The metal mesh screen mounted at the upper end acts as a squeegee, spreading paint evenly on the roller, eliminating all excess paint. No running or dripping, with the Red Devil Paint Tray.

EASY TO USE

1. POUR PAINT into tray to a point approximately ½ inch below bottom edge of mesh. Do not overlay mesh with paint. 2. DIP ROLLER OR STIPPLER into paint and draw across mesh to remove excess paint from roller and to give even spread of paint.

SHIPPED FLAT EASY TO SET UP OR TAKE DOWN

Merely fold sides up and clip the two end corners with metal clips and the RED DEVIL Paint Tray is ready to use. Instructions for setting up and using included with every tray.



Red Devil

Nos. 30, 33, 34 PAINT CONDITIONERS

Since their introduction only a few years ago, RED DEVIL Paint Conditioners have largely eliminated common complaints that formerly plagued the paint industry. They have saved painters and decorators, builders, owners, manufacturers, auto body painters, aircraft and shipbuilders, and others, countless hours of haphazard, hand mixing, costly refinishing and repairs. They have given new life to the dealers' paint departments and created a new merchandising service that has enhanced customer satisfaction, more than any one other improvement.

Remember too, please, that there is as much difference between a RED DEVIL PAINT CONDITIONER and an ordinary paint "mixer," as there is between a streamliner and a horse car. RED DEVIL Conditioners are endorsed and approved by all leading paint manufacturers, laboratories and backed by many thousands of dealers in all parts of the world. Dealer paint sales are stimulated because the customers "see," before their very eyes, that the paint they are purchasing is being conditioned at a terrific speed. They know that they are not getting stale stock. In these days of dated food stuffs, these customers are aware of the value of paint conditioned on the day of purchase.

New paint is fresher-than-fresh, and stock that has moved slowly is restored to factory-freshness by RED DEVIL conditioning.

RED DEVIL Paint Conditioners are a boon to modern paint styling. Where colors must be carefully matched and harmonized into perfect solution, a complete distribution of pigments is assured by a RED DEVIL Conditioner.

There are three sizes of RED DEVIL Paint Conditioners for from 1/4 pint to 5 gallon cans.

The No. 30 is the universally accepted model found in most dealers' stores for general purpose work. A complete line of accessories make this model particularly useful. It holds cans from 1/4 pint to 1 gallon.

The No. 33 is a larger model, primarily designed for industrial use, taking cans from 2 to 5 gallons.

The No. 34 Laboratory Model is a big little beauty for small cans ranging from 1/4 pint to quart, only.

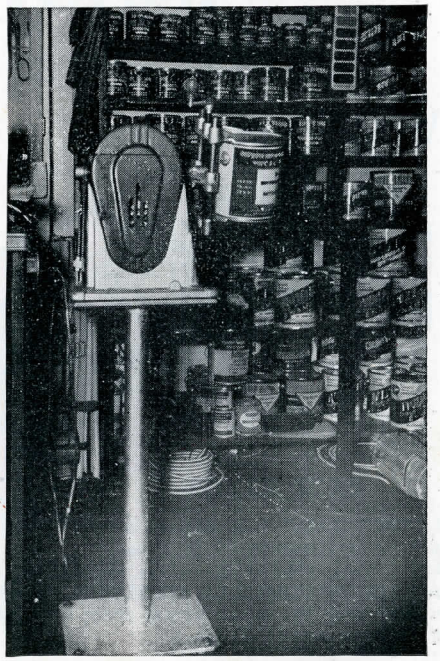
NOT ONLY FOR CONDITIONING PAINT

The RED DEVIL PAINT CONDITIONERS, although originally created for reconditioning paint, have become popular and accepted in their own right in connection with mixing other materials and liquids, and as a testing device.

Oil company maintenance departments, testing laboratories, printers' ink manufacturers, mayonnaise makers, dye plants, and many other companies have one or more RED DEVIL Conditioners as regular equipment in place of a more expensive colloidal mill. One manufacturer tests their electrical items before shipment, to see that parts are perfectly strong, another tests contents of shipping containers to be sure they are properly packed.

The following pages give details regarding the justly popular Nos. 30, 33, and 34 RED DEVIL PAINT CONDITIONERS—they put new pep in the paint business.

All RED DEVIL Paint Conditioners are protected under U. S. Patent No. 21,973, and further patents applied for.



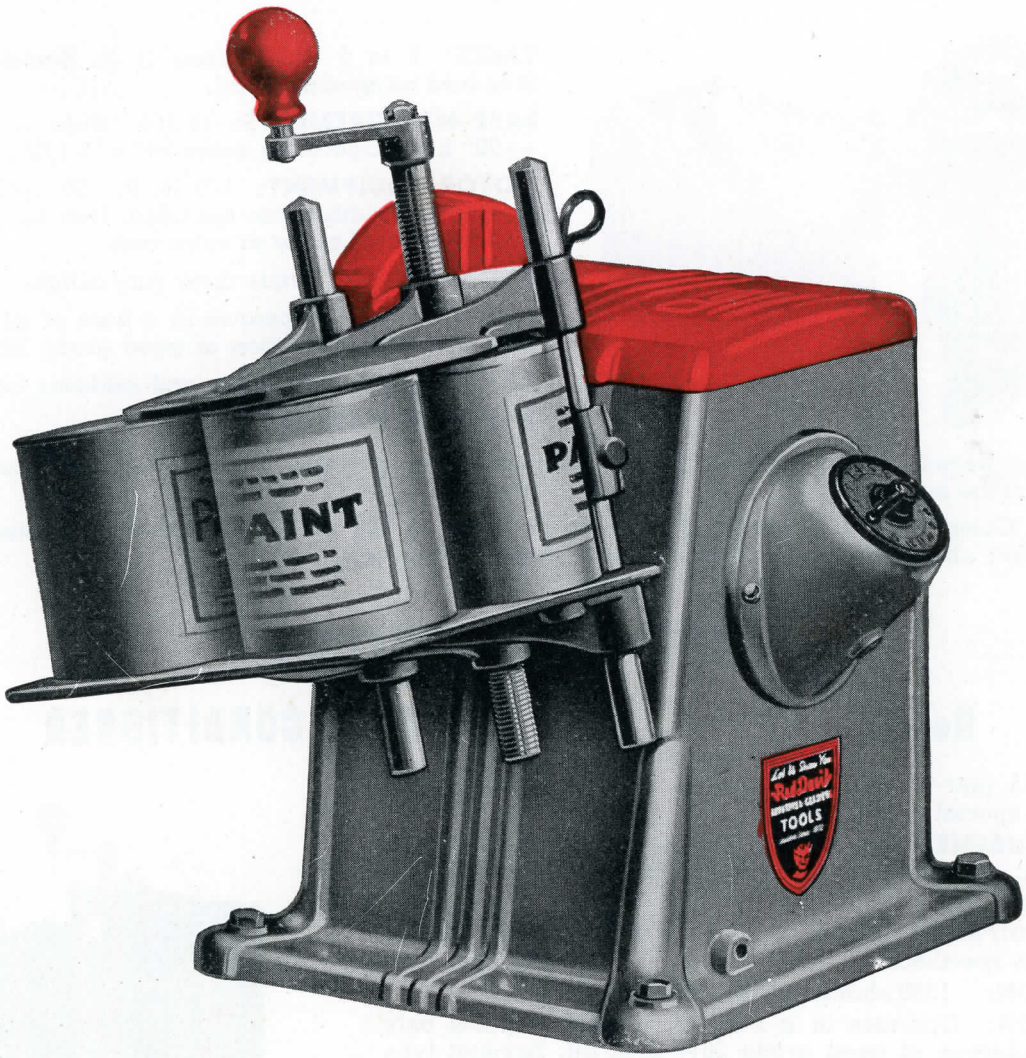
Note the greater merchandising value and ease of use offered by the new counter high pedestal base over the old method of attaching RED DEVIL No. 30 to the floor.

Red Devil

No. 30 PAINT CONDITIONER

Patented

For 1/4 Pint to 1 Gallon



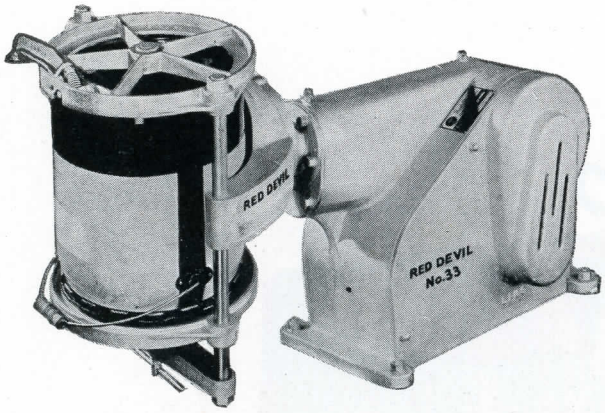
This universally popular RED DEVIL Conditioner is now better than ever. Without increasing the price, an Automatic Timer has been added that switches off the current at any predetermined period of from 30 seconds up to 15 minutes of conditioning; and a new improved ball-type can holder handle has been added. Cans of like size are changed in two seconds, and a half-pint is replaced with a gallon can in 10 seconds.

The RED DEVIL NO. 30 employs exclusive patented eccentric-action, operating at a rate of 700 shakes a minute. It vigorously, constantly agitates, literally breaking up lazy pigments and wall sediments throughout all parts of the can, mixing them into a solution equal to factory-freshness. Can or label is not marred.

The RED DEVIL NO. 30 is proving to be a "must" in progressive paint dealers' from coast to coast, and is accepted as standard by all leading paint manufacturers, painters, decorators, and many municipalities.

SPECIFICATIONS

No. 33 Red Devil PAINT CONDITIONER



TAKES: 2 to 5 gallon cans U. S. Standard (Imperial Standard on special order).

BASE MEASUREMENTS: 11 3/4″ wide — 19 3/4″ long — 30″ high. Operating space 39″ x 15 1/2″.

MOTOR EQUIPMENT: 1/3 H. P. 60 cycles, 110 volts. A. C., unless otherwise specified. Can be supplied with explosion-proof motor at extra cost.

OSCILLATION: Triple three way action.

LUBRICATION: Operates in a bath of oil that requires only occasional addition of good grade 20W SAE oil.

ACCESSORIES: 2 gallon and odd-size adapter.

SHIPPING WEIGHT: 375 lbs.

MOUNTING: Recommended to be secured to floor or strong portable base. Holes are bored in each of four corners of the base.

PACKING: Completely assembled and mounted on skids. 4 lag screws supplied for fastening to floor through rubber shock absorbers. Built-in, glass window oil gauge.

SPECIFICATIONS

No. 30 Red Devil PAINT CONDITIONER

TAKES: 1/4 pint to 1 gallon cans U. S. Standard (Imperial Standard on special order).

BASE MEASUREMENTS: 12 1/2″ wide — 14 1/2″ long — 19 1/2″ high — operating space 13″ x 21 3/4″. (Fits Pedestal Base 34″ high).

MOTOR EQUIPMENT: 1/4 H. P. 60 cycle, 110 volt A. C., unless otherwise specified.

OSCILLATION: 1350 shakes per minute.

LUBRICATION: Operates in a bath of oil, that requires only occasional addition of good grade 20W SAE oil. Bayonet type oil gauge supplied.

AVERAGE CONDITIONING TIME: Upward of 2 minutes, according to condition of material and size of can.

ACCESSORIES: Integral Automatic Timer shuts off at any predetermined time from 30 seconds up to 15 minutes. A Counter-high Pedestal Base, 4 Can Adapter, or Square Can Adapter, are supplied at extra costs.

SHIPPING WEIGHT: 155 lbs.

MOUNTING: Recommended to be attached to Pedestal Base or secured to floor or strong portable platform. Holes are bored in each of four corners of the base.

PACKING: Completely assembled and mounted on skids. 4 lag screws supplied for fastening. Remove oil plug in top of main casting and insert bayonet type oil gauge after conditioner has been set in place.

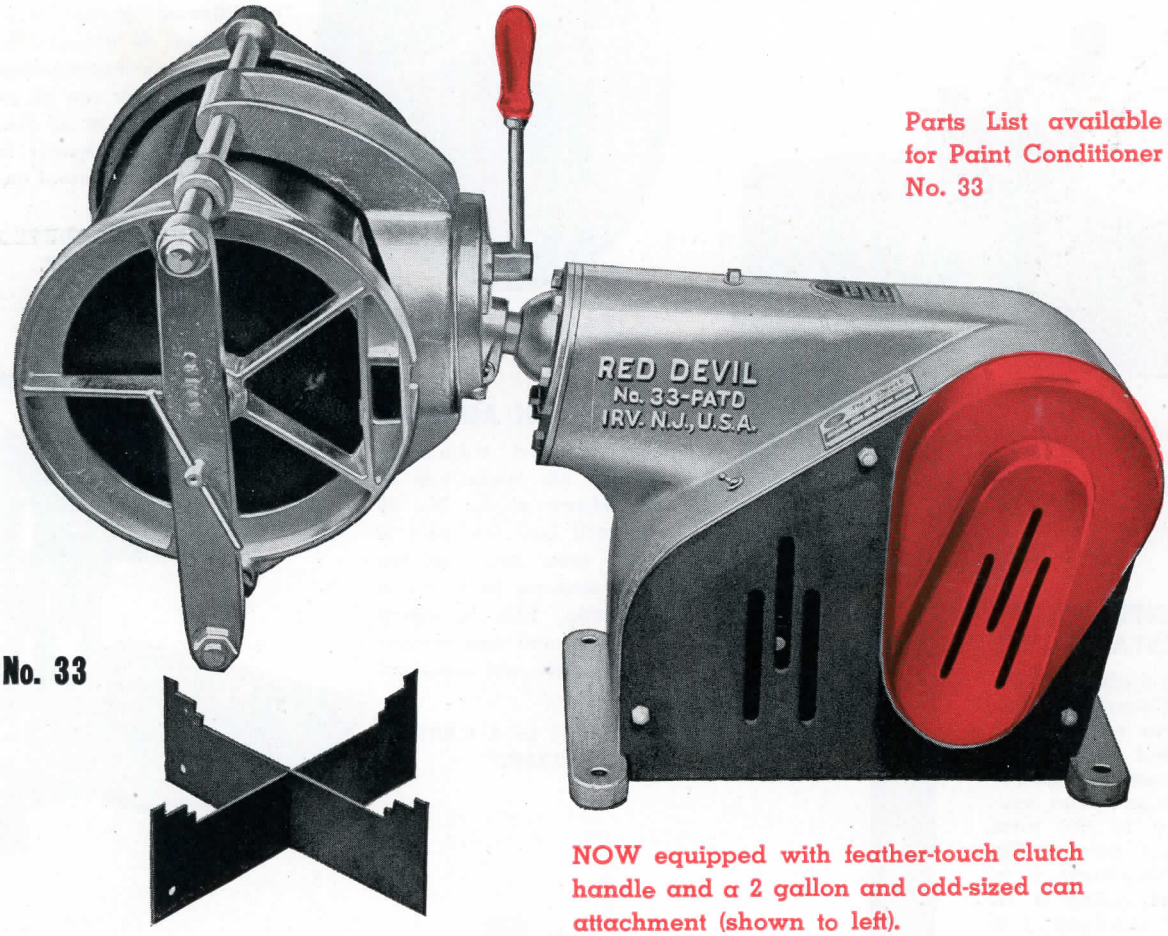
PARTS LISTS for No. 30 and 33 RED DEVIL PAINT CONDITIONERS are to be found on page 48.

Red Devil

No. 33 PAINT CONDITIONER

Patented

For 2 to 5 Gallon Cans



Parts List available for Paint Conditioner No. 33

No. 33

NOW equipped with feather-touch clutch handle and a 2 gallon and odd-sized can attachment (shown to left).

The No. 33 is designed for industrial use in paint factories, warehouses, aircraft plants, shipyards, auto and appliance plants, body painters, city and public utilities maintenance shops, building maintenance, oil company maintenance departments, larger painting contractors, and a large number of manufacturing plants for mixing of colors, paints, other liquids and materials.

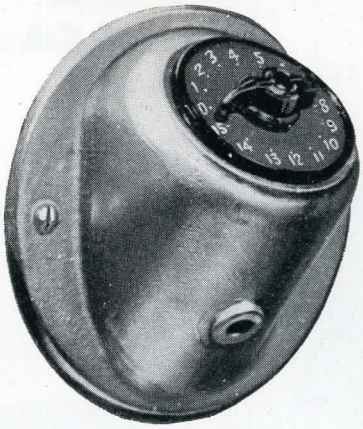
The unit features a TRIPLE THREE-WAY ACTION—with can in upright, upside down, or on the side, it agitates at high speed upward, downward, and outward, creating a force inside the can that literally rips pigments apart and thoroughly mixes the whole vehicle.

The feather-touch clutch handle makes operation extremely easy—a foot pedal release facilitates removal of heavy cans or drums. Has adaptor for 2 gallon and odd-sized cans. (Please turn the page for specifications.)

Red Devil

ACCESSORIES FOR No. 30 PAINT CONDITIONER

Patented



AUTOMATIC TIMING DEVICE

A RED DEVIL feature that frees clerks time and eliminates guess work. The Timer automatically stops "conditioning" at any predetermined period from 30 seconds to 15 minutes (average conditioning 2 minutes). This Timer can be purchased in portable style for all No. 30 models, year 1940 and earlier. It is built-in as regular equipment on the 1941 and newer models.

PORTABLE TIMER SHIPPED 1 IN A CARTON. WEIGHT 1 LB.

COUNTER-HIGH PEDESTAL BASE

Built specially for the No. 30. Uniquely designed to take up all vibrations and noise. The base makes it possible to "feature" paint conditioning in the most prominent part of the paint department — in place of hiding it on floor or attaching it to counter.

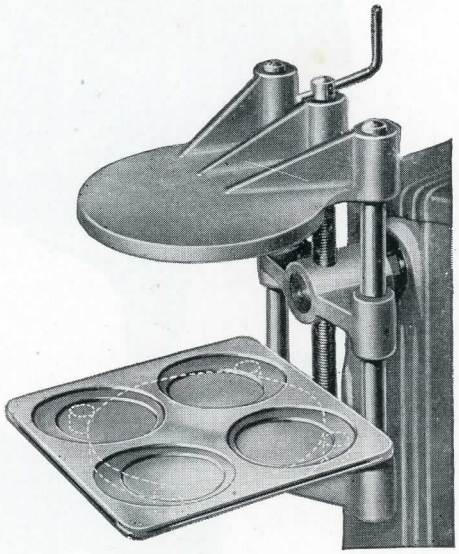
34 inch height is exactly right for easy operation.

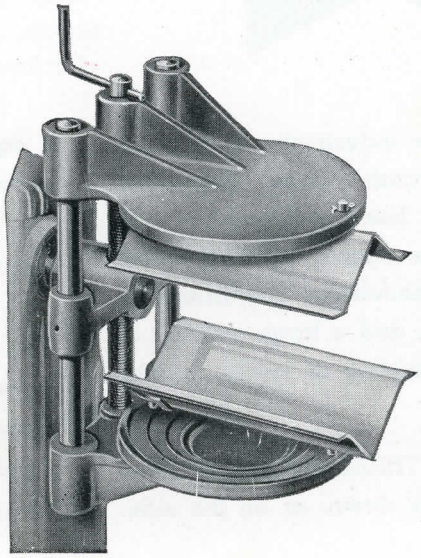
SHIPPED 1 IN A CASE. WEIGHT 50 LBS.

FOUR CAN ADAPTER

This one-part adapter quickly fits lower jaw of can clamp of the No. 30 and will hold four pint or quart cans and condition their contents in a single operation. This accessory is very useful and popular among store and industrial users.

SHIPPED 1 IN A CARTON. WEIGHT 2 LBS.





SQUARE CAN ADAPTER

Quickly attached and removed, this two part adapter makes it possible to thoroughly condition square cans of paint or other material.

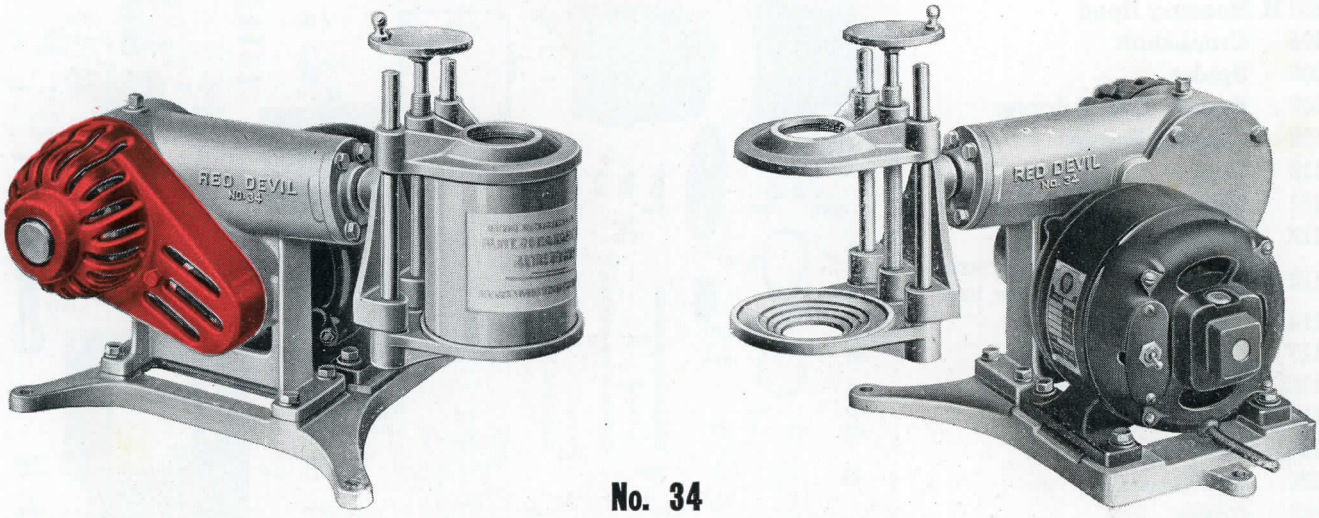
SHIPPED 1 PAIR IN CARTON. WEIGHT 2 LBS.

Red Devil

No. 34 PAINT CONDITIONER

Patented

Laboratory Model For 1/4 Pint to Quart



No. 34

The No. 34 is primarily designed as a resale feature, but is used by smaller dealers, housefurnishing stores marketing small cans of ready-mixed paints.

It's not to be confused with paint "mixers." The No. 34 is a sturdy paint conditioner, smaller, yes, but the equal in construction and performance of larger RED DEVIL models.

Will handle all size cans from 1/4 pint to 1 quart (U. S. and Imperial Standard). Off-shape, odd size cans, bottles, etc. are held secure in the all-purpose holder—no attachment or adapter necessary.

The same three-way motion that is incorporated in the No. 33 for 5 gallon cans is a feature of this laboratory model.

The machine is light enough to be installed on strong table or counter, and of course it is fully portable, weighing about 50 lbs.

Auto body shops, metal finishers, sign companies, art craft studios, interior decorators, toy and furniture manufacturers, where special paints and color mixes must be in perfect solution, are users of the No. 34. Printers who mix small batches of ink welcome this equipment. Also recommended for leather dyes, mayonnaise, etc.

SPECIFICATIONS

TAKES: 1/4 pint to 1 quart (U. S. or Imperial Standard)

BASE MEASUREMENT: 12″ wide—13″ long—15″ high. Operating space 17 3/4″ x 14″.

MOTOR EQUIPMENT: 1/6 H. P. 60 cycles, 110 volts, A. C.

OSCILLATION: Three way action.

LUBRICATION: Operates in bath of oil that requires only occasional addition of 20W SAE oil.

AVERAGE CONDITIONING TIME: 1/4 pint 1 minute. 1 quart about 2 minutes according to condition or nature of material.

ACCESSORIES: None.

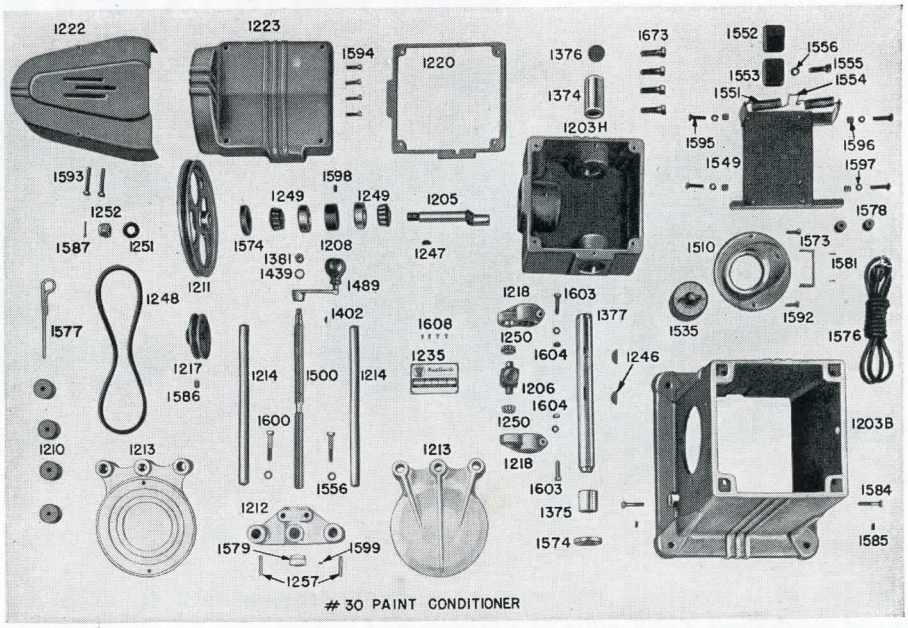
SHIPPING WEIGHT: 64 lbs.

MOUNTING: Recommended for securing to stand, table, counter, platform. Has holes in each of four arms of base.

PACKING: Completely assembled and mounted on skids with 4 lag screws.

Red Devil

PARTS LIST FOR NO. 30 PAINT CONDITIONER



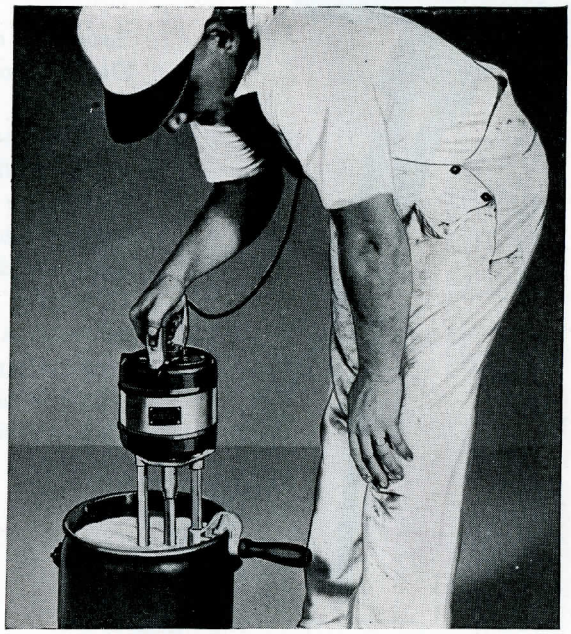
1203 B Base
1203 H Housing Head
1205 Crankshaft
1206 Spider
1207 Square Can Adapter
1208 Bearing Spacer
1210 Rubber Feet
1211 Crankshaft Pulley
1212 Clamp Adapter
1213 Can Clamps { upper jaw / lower jaw
1214 Guide Pins
1217 Motor Pulley
1218 Bearing Bracket
1219 Belt Tension Stud
1220 Cover Gasket
1222 Belt Guard
1223 Cover
1235 Name Plate
1246 Woodruff Key
1247 Woodruff Key
1248 Vee Belt
1249 Timken Bearing
1250 Timken Bearing
1251 Fiber Washer, Crankshaft
1252 Crankshaft Nut
1257 Groove Pins
1368 A 4-Can Adapter
1374 Rear Bearing
1375 Front Bearing
1376 Welch Plug
1377 Agitator Shaft
1381 Nut for Handle
1402 Woodruff Key
1439 Shake Proof Washer for Handle
1489 Handle Assembly
1500 Clamp Screw
1510 Timer Housing
1535 Timer
1536 Toggle Switch*
1537 Flat Washer*
1538 Nut
1539 Squeeze Connector*
1540 Hollow Screw*
1541 Switch Box*
1542 Cover*
1543 Switch Bracket*
1544 Screws*
1545 Brass Screw*
1546 Bracket Screw*
1547 3 Prong Plug and Lead*
1549 Motor Base Assembly
1551 Tension Spring
1552 Square Washer Outside
1553 Square Washer Inside
1554 Spring Clip
1555 Bolt
1556 Washer
1573 Timer Bracket
1574 Oil Retainer
1575 Motor
1576 2 Prong Plug and Lead
1577 Oil Level Stick
1578 Grommet
1579 Adapter Plug
1581 Timer Bracket Screws
1582 Pipe Plug
1583 Pedestal Base
1584 Pivot Screws
1585 Pivot Lock Screws
1586 Pulley Screw
1587 Crank Shaft Cotter Pin
1592 Timer Housing Bolts
1593 Belt Guard Bolts
1594 Cover Screws
1595 Motor Bolts
1596 Motor Nuts
1597 Washer
1598 Spacer Set Screw
1599 Plug Set Screw
1600 Adapter Bolts
1601 Adapter Nuts
1602 Replacement Handle for 1216 Same as 1489 with straight hole and set screw
1603 Bearing Bracket Bolts
1604 Bearing Bracket Nuts
1605 Vee Belt**
1606 Motor, 25 cycle
1607 Pulley**, Motor
1608 Name Plate Pins
1609 Pedestal Base Bolts
1610 Pedestal Base Nuts
1611 Pedestal Base Washer
1673 Housing Bolts
* Canadian Machines
** 25 cycle & 50 cycle

Red Devil

PORTABLE ELECTRIC PAINT MIXERS

Patented

No. 31



When paint is thoroughly mixed it spreads easier, gives better coverages, and makes for a better job. Hand mixing is always tedious, and consumes valuable time—and hand mixing cannot possibly mix paint to a prime condition.

RED DEVIL Portable Electric Paint Mixers do a superb job in a few minutes time. The agitating shaft rotates at 1750 revolutions a minute, placing the paint in perfect solution, as good as new stock. Also ideal for making your own mixture or colors right on the job. Mixes and blends lead and oil, lead paste, casein and plastic paste, enamel, lacquer.

Made in three models for handling various size drums. Entirely portable for use in shop or on the job. Complete with 10 feet of flexible extension cord, plug, adjustable can rest, 1/4 H. P. 60 cycle, 110 volt A. C. motor.

RED DEVIL NO. 31—(Complete as ILLUSTRATED). HEIGHT 27", FOR UP TO 5 GALLON CANS. SHIPPED 1 IN A CRATE. WEIGHT 36 LBS.

RED DEVIL NO. 31A—SIMILAR TO NO. 31 WITH LONGER LEGS TO FIT 30 GALLON DRUMS. HEIGHT 42". SHIPPED 1 IN A CRATE. WEIGHT 48 LBS.

RED DEVIL NO. 31B—SIMILAR TO NO. 31, WITH LONGER LEGS TO FIT 50 GALLON DRUMS. HEIGHT 49". SHIPPED 1 IN A CRATE. WEIGHT 55 LBS.

Red Devil
FP1 ELECTRIC FLOOR POLISHER

Rounding out the line of Red Devil floor conditioning machines, the FP 1 Electric Floor Polisher is a heavy duty floor polisher designed for heavy duty and for maintenance and rental service. Instantly replaceable brushes include scrubbing, waxing, polishing and steel wire brushes for complete floor conditioning in stores, offices, institutions and homes.
The motor is centered directly over the revolving brush, putting all the weight where it will do the most good. The latest type of reduction drive and helical gears give quiet operation with 100% motor efficiency. Motor and gears are one unit with hermetically sealed-in lubrication for bearings and gears. Maintenance is reduced to a minimum —greasing is required only every 12 months. Capacitor motor offers efficient current consumption and entire freedom from radio static. Furnished with polishing brush. Scrubbing and wire brushes available.

IT'S NEW

IDEAL FOR A
RENTAL SERVICE
- Easy to Use
- Rugged
- Little Repair
- Rounds out the Red Devil line of Floor Sanders, Edgers, Scrapers, etc.

RUGGED CONSTRUCTION FOR HEAVY DUTY USE

MOTOR — ¼ H. P., heavy duty, 110 volt, 60 cycle, sealed bearings. A. C. Capacitor motor.

BRUSH — 10″ wood, laminated back with 11″ bristle spread for polishing furnished. Scrubbing or steel wire types also available.

BRUSH SPEED — 210 revolutions per minute.

WEIGHT — 55 lbs. pressure on floor.

SWITCH — Momentary contact, safety type, trigger switch.

REDUCTION UNIT — Hermetically sealed internal gear drive, continuous lubrication.

CABLE — No. 18 heavy duty rubber covered, 40 ft. length.

WHEELS — 3″ rubber cushioned on retracting casting.

CASTING — Polished, aluminum alloy. Patented brush lock straps facilitating easy removal of brushes.

Wheels for ease of transporting machine raise up during operation to lower complete weight onto revolving brushes.

RED DEVIL FP 1 Floor polisher complete, one to a case, shipping weight 64 lbs.

Red Devil
NO. 444 FLOOR SANDER

TRULY PORTABLE
Weighs 125 lbs.

Patented

Modern product design, streamlining, superb engineering skill, plus sound merchandising methods, makes the RED DEVIL No. 444 FLOOR SANDER particularly inviting for individual ownership, or for rental to others.

The "Leader" model combines the utility and ruggedness of the most expensive professional models, with the fool-proof simplicity of the "rental" type machine. Thus, RED DEVIL, has perfected an all purpose sanding machine that eliminates the need for more than one unit, gadgets, or attachments.

As a rental service machine, the No. 444 has no equal. It quickly pays its way—and also serves as a perfect floor sample or demonstrator for individual or industrial sales purposes. The sale of sanding paper, wood-scrapers, sand paper holders (see elsewhere in the catalog) as well as steel wool, varnish, lacquer, wax, etc., increase profits.

Among the large individual purchasers of RED DEVIL No. 444 are of course the nation's leading painting and flooring contractors, and boat yards, ships' handlers, bowling alleys, skating rink operators, hotels, building management and maintenance organizations, carpenter-builders, armories, ballrooms and recreational centers, schools, colleges, industry.

QUALITY FEATURES

The No. 444 lays solid and steady to the floor. Will scrape the average room in less than one hour. No dust. Works in BOTH directions with equal effectiveness. Sands within 5/8" of straight baseboard or flush with 1/2" round. No vibrations—no stop or chatter marks. Will remove 6 coats of paint without aid of any chemicals.

Up to 2,000 feet of new flooring per day, or up to 1,000 feet of old flooring can be conditioned by RED DEVIL No. 444 under normal conditions.

Sturdy, rugged construction assures that this Sanding Machine will give long, trouble-proof results in inexperienced hands, under all conditions. All parts are standard.

Drum and fan bearings only occasionally need sparse lubrication; all other parts are greased at assembly and need no further lubrication.

Sanding paper is quickly and easily changed.

Dust bag should be emptied when three-quarters full and each night, regardless of whether or not job has been completed.

"We have used RED DEVIL NO. 444 for the first time * * * agreeably surprised and pleased with the performance and efficiency. We feel it cut our labor cost over old methods by about 90%." So writes one satisfied user.

With every No. 444 Floor Sander, a DeLuxe RED DEVIL No. 18 Polished-Metal Hand Scraper with No. 2½ RED DEVIL Replaceable Blades is included without extra cost. (See page 21 for description.) Turn to page 53 for No. 444 parts list.

THE MACHINE THAT MAKES ALL FLOORS NEW FLOORS

Red Devil
No. 444 FLOOR SANDER

LIGHT and PORTABLE
POWERFUL and EFFICIENT
ALL PARTS are STANDARD
OPERATES in BOTH DIRECTIONS
DUSTPROOF and FOOLPROOF
SIMPLE TO HANDLE
PERFECT RESULTS
RUGGED - GUARANTEED

Patented

No. 444

Packed One in a Crate
Shipping Weight 197 lbs.

MOTOR—Powerful, Specially Built. Wound for 110 and 220 AC.

SANDING DRUM. 8″ wide overall by 4½″ diameter. Covered with special ½″ sponge-rubber pad. Scientifically balanced to give absolutely smooth sanding without vibration. Fast—cutting speed 1550 R. P. M.

DUST COLLECTOR. Gets all the dust — forward or backward operation. Double ball bearings enclosed in Scroll Housing. Revolves at speed of 4,000 R. P. M. Efficient. Driven by V-belt direct from double pulley on drum shaft.

DRIVE. Heavy, tough cord fabric V-belts from Motor to Drum and Fan. Noiseless—prevent slipping. No chains or gears to wear out.

TRUCK WHEELS. Disc type rubber wheels — absolutely silent.

HANDLE ASSEMBLY. Extra heavy tubular—twin handles adjusted up or down to suit height of operator. Special bracket connecting exhaust pipe makes it sturdy and beautiful.

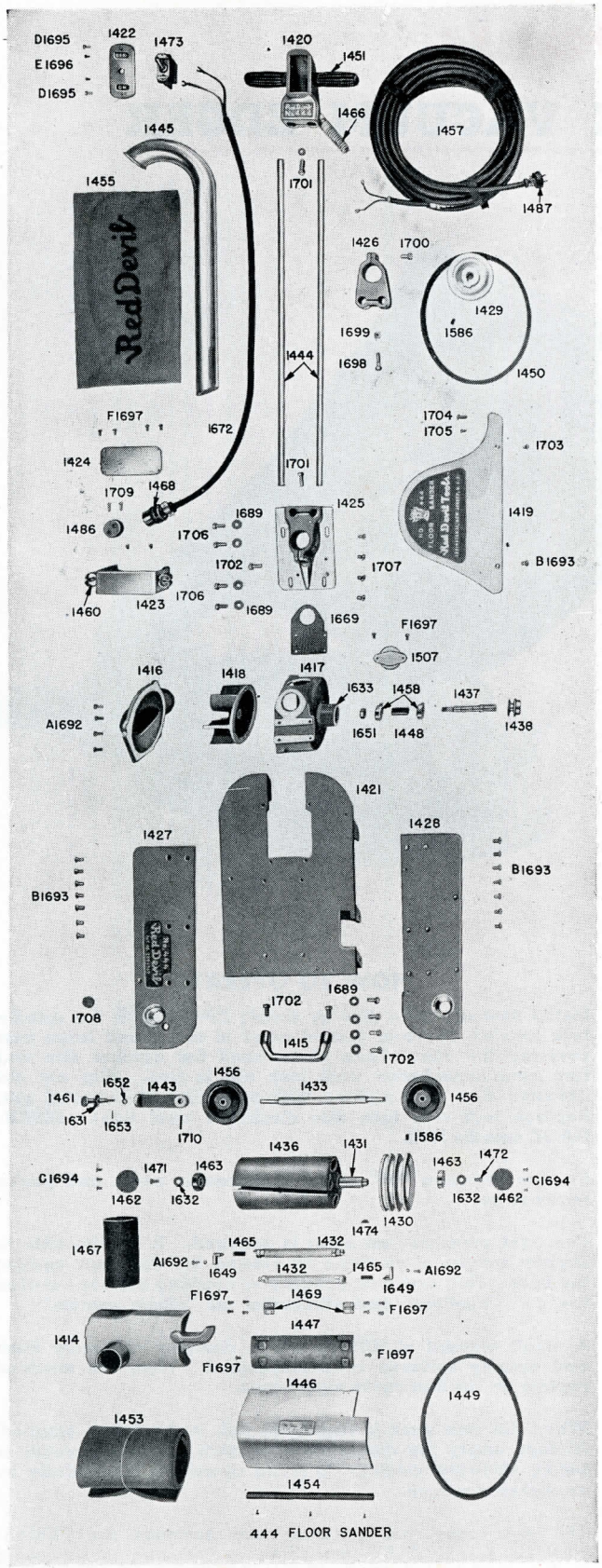
EQUIPMENT. 40 ft. rubber covered, heavy No. 14, two-strand Extension Cable. Dust Bag and Wrenches. Tube of grease. Template.

DESIGN. Streamlined for efficiency and beauty. A machine you'll be proud of.

BUILT SPECIALLY FOR THE MASTER PAINTER AND FOR DEALER RENTAL BUSINESS

FLOOR SANDING MACHINE PARTS

Red Devil



Specify Serial numbers of machine when ordering parts.

PARTS LIST FOR NO. 444 FLOOR SANDER

1414	Dust Pan
1415	Carrying Handle
1416	Fan Cover
1417	Fan Housing
1418	Fan
1419	Belt Guard
1420	Handle
1421	Chassis
1422	Switch Cover
1423	Motor Box
1424	Motor Box Cover
1425	Slide Plate
1426	Tube Clamp
1427	Side Plate Right
1428	Side Plate Left
1429	Motor Pulley
1430	Drum Pulley
1431	Drum Shaft
1432	Knurled Clamps
1433	Axle
1436	Drum
1437	Fan Shaft
1438	Pulley for Fan
1443	Wheel Adjuster
1444	Handle Tubes
1445	Dust Bag Tube
1446	Drum Guard
1447	Drum Guard Weight
1448	Fan Bearing Spacer
1449	Fan Belt
1450	Drum Belt
1451	Rubber Grip
1453	Drum Cover
1454	Rubber Bumper
1455	Dust Bag
1456	Wheels
1457	Extension Cable with Cable Attachment-Plug and Terminals
1458	Fan Bearing SKF 6201 2RS
1460	Wrench Clips
1461	Adjusting Screw
1462	Bearing Cover
1463	Drum Bearing SKF 6203 RS
1465	Springs for Knurled Clamps
1466	Cable Coupling
1467	Hose
1468	Cable Body for motor base plug (9955)
1469	Drum Guard Hinges
1470	Wrench (open end)
1471	Drum Shaft Screw (left)
1472	Drum Shaft Screw (right)
1473	Switch
1474	Drum Shaft Key
1483	Wrench (socket)
1486	Motor base plug
1487	Cable Attachment Plug Cap
1488	Motor Bearings
1507	Clean Out Disc
1586	Pulley Set Screw
1631	Adjuster Nut
1632	Drum Shaft Washer
1633	Plug for Fan Housing
1649	Stop Key for Knurled Clamps
1650	Washer for Fan Shaft
1651	Nut for Fan Shaft
1652	Washer for Adjuster Screw
1653	Cotter for Adjuster Screw
1669	Gasket for Fan Housing
1672	Motor Cable with cable body and Terminals
1676	Drum bearing housing
1689	Slide Plate and Motor mount washers
A 1692	Fan Cover Screws
B 1693	Side Plate Screws
C 1694	Bearing Cover Screws
D 1695	Switch Cover Screws
E 1696	Switch Screws
F 1697	Hinge and Cover Plate Screws
1698	Clamp Lock Screw
1699	Clamp Lock Screw Nut
1700	Suction Tube Clamp Lock Screw
1701	Handle and Slide Plate Tube Lock Screw
1702	Side Plate and Motor Mount Screws
1703	Belt Guard Screws
1704	Belt Guard Screw
1705	Belt Guard Screw
1706	Slide Plate Screws
1707	Slide Plate Screws
1708	Sandpaper Stop
1709	Motor Base Plug Screws
1710	Wheel Adjuster Drive Pin
1712	Drum bearing housing screws

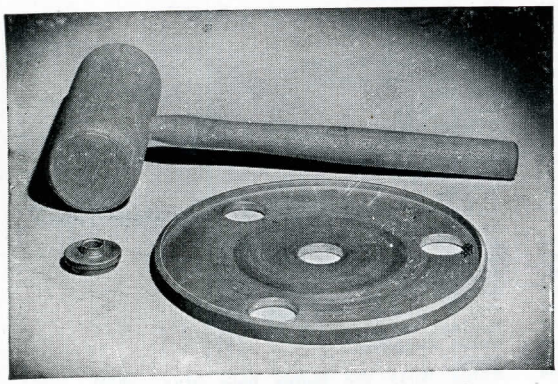
Red Devil

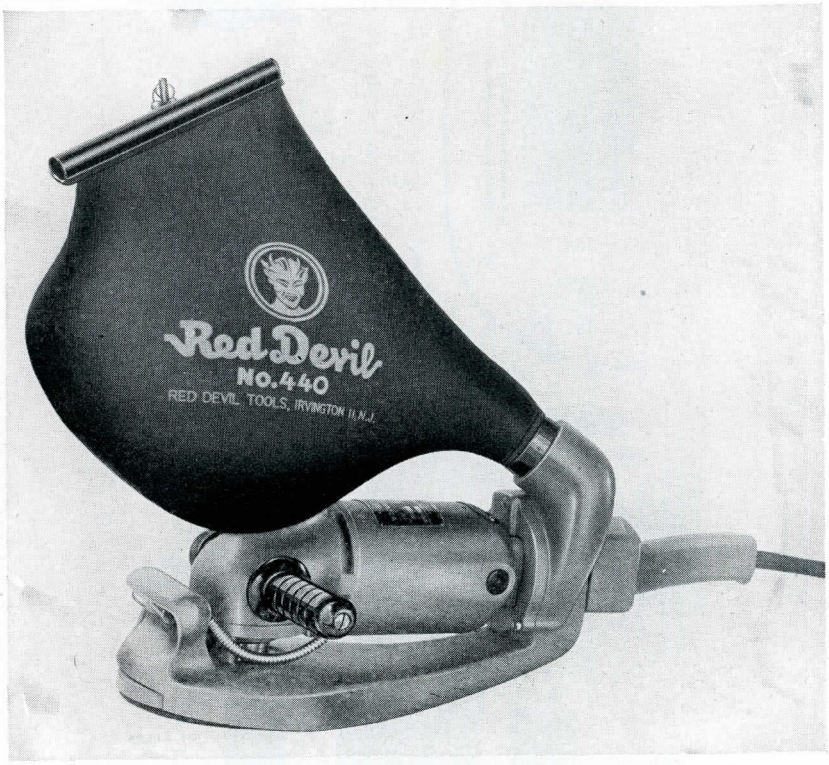
No. 440 PORTABLE VACUUM EDGER

Patented

FREE DISC CUTTER: Illustrated below is the RED DEVIL DISC CUTTER, supplied free with each #440 Vacuum Sander for those who prefer to make their own discs. Set consists of pattern, template and mallet.

RED DEVIL No 440— Portable Vacuum Sander complete, including free disc device. 1 to a case, wt. 36 lbs.





Again RED DEVIL engineers have succeeded in combining into one model all the advantages of both the professional and rental types of machines. Thus the No. 440 is recommended as an all-purpose sander and edger.

The No. 440 Portable Vacuum Sander operates with feather-touch control. The removable handle permits use on either side, providing greater ease and convenience in sanding corners and hard-to-get-at-locations, while operating in head-on position.

The unit weighs less than 35 lbs. and therefore is truly portable, and can be operated with ease even in a vertical operation. The machine is very fast and powerful, designed to utilize the full force of its motor.

The RED DEVIL No. 440 is truly "dustless", collecting particles of wood powder etc., through a vacuum suction that is of superior merit.

The sanding disc is completely guarded in every position. A "headlight" lights the surface to be sanded, preventing slipshod jobs. All parts are standard, readily replaceable, and selected for long wear and abuse.

The results are smooth, effortless, and even a rank amateur will avoid surface gouges, marks, etc.

The No. 440 is recommended for sanding in corners, closets, cabinets, on sills, transoms, stair treads, dados, resurfacing furniture, desk tops, tables, shelves, sanding down lumber, and many commercial and industrial uses.

Universal motor operates on any 110 volt A.C. or D.C. current.

HOW TO OPERATE

Install new abrasive disc by simply ENGAGING the spindle lock located between geared head of motor and large pan covering the disc. Then place hand flat against disc and turn counterclockwise until lock nut is free. Slip out old abrasive disc and replace with new disc of required grit. Replace lock nut, turn disc clockwise until tight. DISENGAGE spindle lock.

Be sure switch is "off"—plug in extension cord—and you're ready to go.

Use light pressure—no effort is required. It is advisable to support bottom of machine by resting the dust pan against the floor. That prevents gouging or marking surface—makes the unit "dustless" and eliminates all "elbow grease."

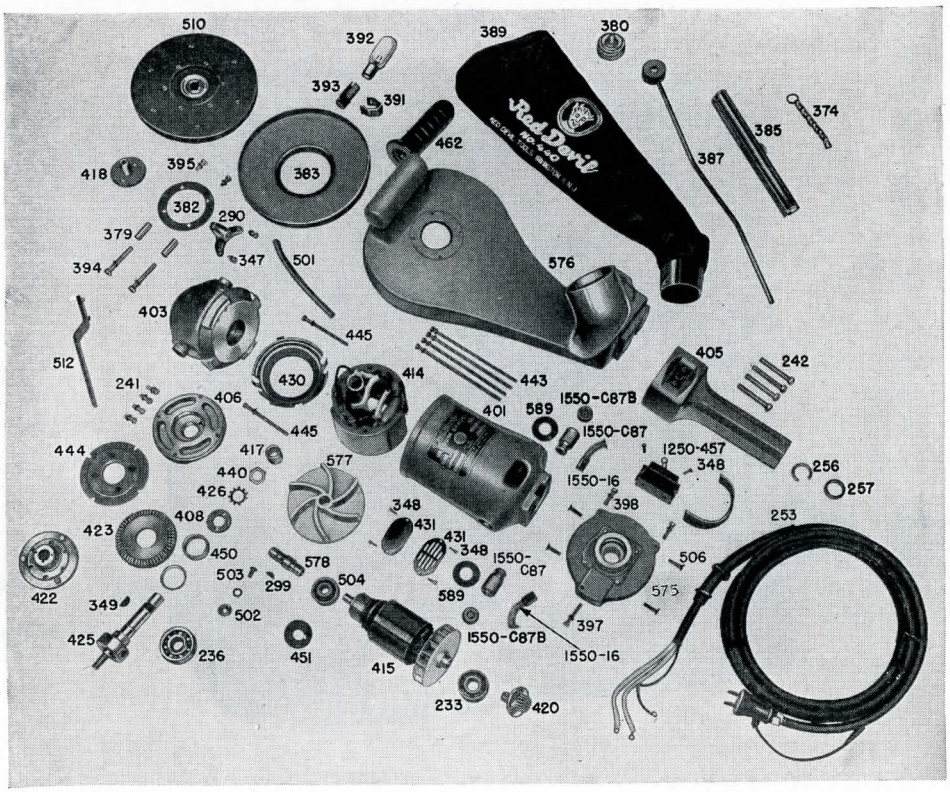
A small amount of KEROSENE to dampen extremely thick and gummy surfaces is recommended. Work the machine rapidly on the first cut in such cases.

When the dust sack is two-thirds full, it should be emptied. Always empty the dust sack after each job is completed or before allowing machine to stand overnight, particularly on varnished surfaces.

The gear case and armature ball bearings are PERMANENTLY LUBRICATED—no oiling or greasing is necessary and should be avoided. A special "ground" wire is furnished to protect against electrical shock when working under adverse conditions.

Red Devil

LIST OF PARTS FOR NO. 440

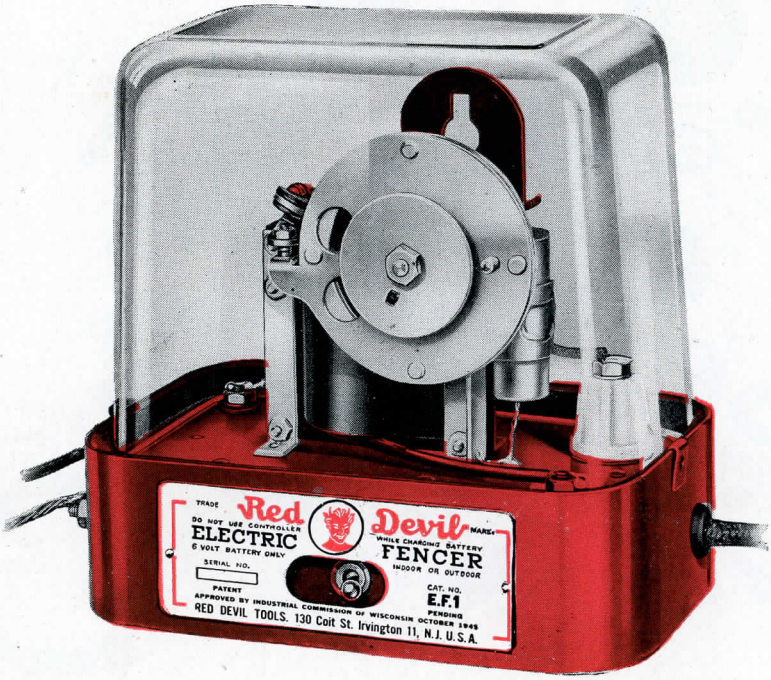


440-233	Oil Seal Ball Bearing	440-385	Bag Clamp	440-434	Switch Bracket
440-236	Plate Seal Ball Bearing	440-387	Bag Carrier	440-440	Gear Lock Nut
440-241	Screw	440-389	Vacuum Bag and Coupler	440-443	Screw
440-242	Screw	440-391	Lamp Clip	440-444	Bearing Lock & Seal
440-246	Washer	440-392	Bulb 115V	440-445	Screw
440-248	Set Screw	440-393	Lamp Socket	440-450	Tool Spindle Spring
440-253	Electric Cord	440-394	Screw	440-451	Felt Washer
440-256	Clinch Ring	440-395	Screw	440-452	Switch Protector
440-257	Cord Retainer	440-397	Screw	440-462	Side Handle Complete
440-259	Insulation Tubing	440-398	Screw	440-499	Brush Holder Ring
1550-C87	Brush Holder	440-399	Screw	440-501	Flexible Conduit
1550-C87B	Brush Holder Cap	440-401	Housing	440-502	Washer
440-290	Tool Spindle Lock Ass'm	440-403	Gear Case	440-503	Screw
440-299	Woodruff Key	440-405	Switch Handle	440-504	Ball Bearing Oil Seal
440-312	Nut	440-406	Bearing Support	440-506	Screw
440-341	Lock Washer	440-408	Spring Retainer	440-507	Fan
440-343	Lock Washer	440-414	Motor Field	440-508	Light Lead
440-344	Screw	440-415	Motor Armature with Fan	440-510	Sanding Disc Holder
440-347	Screw	440-417	Needle Bearing	440-512	Wrench
440-348	Screw	440-418	Lock Nut	440-575	Bearing Retainer
440-349	Woodruff Key	440-420	Armature Pinion	440-576	Suction Hood
440-372	Bag Carrier Connection	440-422	Gear Carrier	440-577	Suction Fan
440-373	Vacuum Bag	440-423	Tool Spindle Gear Ass'm	440-578	Extension Shaft
440-374	Chain Ass'm	440-425	Tool Spindle Ass'm	440-579	Spacing Washer
440-379	Housing Spacer	440-426	Lock Washer for Tool Spindle	440-584	Suction Hood & Br. Ret. Ass'm
440-380	Bag Carrier Screw	440-427	Drive Pin	440-589	Insulation Washer
440-382	Guard Holder	440-430	Baffle Plate	1250-457	Switch
440-383	Disc Guard Complete	440-431	Inspection Hole Cap	1550-16	Motor Brush

Red Devil

EFI STANDARD MODEL ELECTRIC FENCER

IT'S NEW



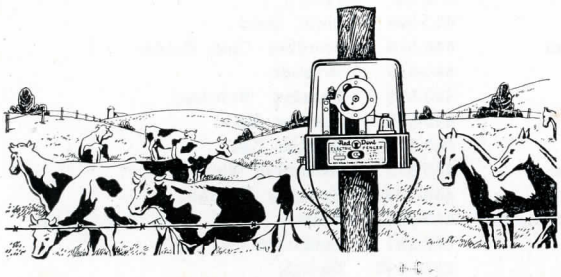
Approved by Wisconsin Industrial Commission, leading Agricultural Colleges and other recognized organizations.

No. EF-1

BATTERY OPERATED

THE SENSATION OF THE "STANDARD" FENCER MARKET

Red Devil, Model EF-1 Electric Fencer will charge up to 15 miles of single wire fencing, and operates from any 6 Volt Hot Shot or storage battery. Generates high voltage but low amperage, thus cannot harm animals or humans. It's safe "on-off" shocking action, timed like a pulse beat, is more effective and more than doubles the life of the battery. The newly developed wheel-type contact uses current only instantaneously —centrifugal force does the rest. This wheel-type contact, the only moving part, employs stainless steel rod and bearings for long life. Nothing to oil or grease, nothing to get out of order. Not affected by power line failure. No radio interference. Hermetically sealed in a heavy glass dome, against ice, hail, snow or condensation, the unit will run day and night, in any extremes of weather. May be hung in the barn or on a fence post or tree.



RED DEVIL No. EF-1, COMPLETE WITH GROUND AND BATTERY CLAMPS, FENCE CONNECTORS, SCREWS, TEMPLATE, SWITCH, BRACKET FOR HANGING, GROUND AND BATTERY WIRING, INSTRUCTION SHEET AND DIAGRAMS. 1 IN A CARTON. WEIGHT 6 LBS.

Both RED DEVIL Nos. EF1 and EF-2 Electric Fencers are recommended for private, public, and industrial property protection, as well as for general use in farm fencing to confine or prevent entrance of live stock, and as superior means of pasture rotation.

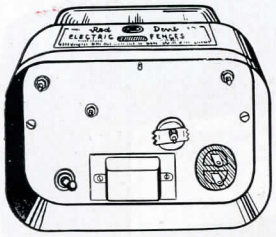
Red Devil

THE NEW No. EF2 BATTERY OR HIGHLINE ELECTRIC FENCER

IT'S NEW

No. EF-2
Battery or High Line Operated

Approved by Wisconsin Industrial Commission, Leading Agricultural Colleges and other recognized organizations.



Single throw switch under unit changes operation from high line to battery at the flick of a finger in case of power failure.

RED DEVIL NO. EF 2 COMPLETE (WITHOUT BATTERY) INCLUDING OPERATING SWITCH, BRACKET HANDLE FOR HANGING, GROUND AND FENCE WIRE AND CLAMPS, CONNECTORS, SCREWS, TEMPLATE, INSTRUCTION SHEET AND DIAGRAMS. 1 IN A CARTON, WEIGHT 8½ LBS.

Now: a Famous Red Devil Fencer that operates with equal efficiency from high line or battery. The battery is used only in the event of power failure or when the unit is transferred to remote locations. Red Devil No. EF 2 operates from any 6 volt hot shot or storage battery or from 110-115 volt high line. The exclusive intermittent shock—with safety—that has made Red Devil Fencers the most popular in the field, is a feature of the new EF 2 high line or battery model. Another highly regarded safety feature is the replaceable fuse that protects the user in case the high line is mistakenly connected to the battery posts. The INTERMITTENT SHOCK is timed like a pulse beat. The voltage is high, yet the amperage is low and the short, stinging shock, although many times more effective, can do no mental or physical harm. This on-off, on-off action is controlled by a new "wheel" type contact (the only moving part).

Current is only used instantaneously—centrifugal force does most of the work, making RED DEVIL FENCERS the least expensive to operate.

Strong glass top is sealed to prevent tampering and bar elements. Rain, sleet, hail, snow or fog cannot interfere with its perfect operation. No radio interference. Nothing to oil or grease. The wheel type contact is equipped with precision stainless steel ball bearings, non corrosive, and with highest antifriction qualities. Fully approved and guaranteed. (See next pages.)

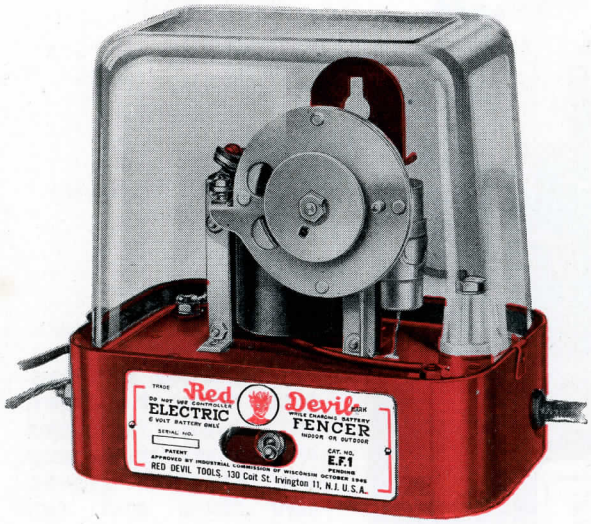
Only RED DEVIL Gives You These 11 PLUS FEATURES

*1. New improved "Wheel-type" contact uses current only instantaneously.
*2. Built-in lightning arrestor.
3. Ned Selenium type rectifier, requires no maintenance; assures long life.
*4. Oversize tungsten contact points.
5. Double throw switch for instantaneous change from battery to high line.
6. E type A C transformer with vacuum impregnated coils for added safety.
*7. All moving parts equipped with precision, stainless steel, non corrosive.
8. Safety light that glows in case of failure or shorting. Controls amount of current sent thru fence.
*9. Sturdy fence clamp, handle and guard, integral with case, for easy, secure suspension on post screws.
10. Double condensers — one across contact points to prolong their life, the other controls high line current to fence.
11. Fuse block protects during high line operation. Hinged cover for ease in changing fuses.

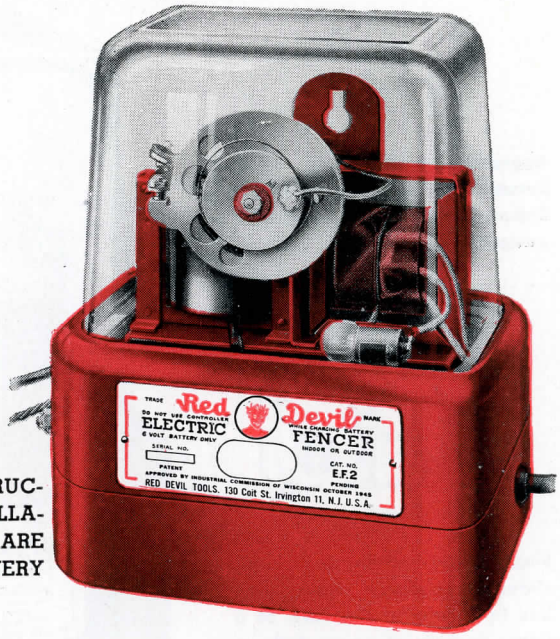
(* These features are also embodied in RED DEVIL No. EF 1 Standard Model — See opposite page)

Red Devil

IMPORTANT INFORMATION GIVEN EVERY PURCHASER OF FENCERS

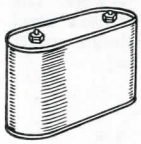


COMPLETE INSTRUCTIONS FOR INSTALLATION AND CARE ARE INCLUDED WITH EVERY FENCER.

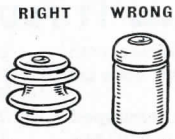


These are some of the usual questions asked by a user of an electric fencer. This information is well worth a dealer's time to read as a matter of information. Remember too, RED DEVIL Fencers are sold complete (without batteries) even to necessary screws. A RED DEVIL is thus easier to install, is fool proof, and operates perfectly. Line troubles should not occur if the simple instructions are followed.

"WATCH THAT LINE" should be the slogan of every owner of an electric fencer. Most troubles are caused by grounded wires. When any fence is completely shorted or grounded, you will not be able to feel any shock impulses—and of course, it is then ineffective as a fence. However, in testing a fence for impulses, be sure you have a good ground contact for your body. Gloves, rubber boots, dry, sandy top-soil will weaken the shock. Grasp the wire with one bare hand, and a post, a weed or damp ground with the other. The following simple rules tell you what to watch in order to avoid trouble, and what to check in case your fencer fails to work.



THE BATTERY should give 3 to 4 months' service, unless fence wire becomes grounded. Don't wait 'til your battery is run down before it is given attention. Check it occasionally, then when it gets near the end of its life, get a new battery and have it on hand for immediate installation when needed. In case of trouble, check all battery connections.

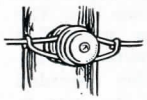


INSULATORS. When erecting your fence, do not use the common type of split insulators used in house wiring. They are more easily broken than a one-piece insulator, and have a tendency to loosen and drop the wire, thus creating a short. Use the No. 60 insulator as illustrated. Stretch the wire tightly, fasten it securely to the insulator and take care that wires do not touch any moisture-absorbing material, wood or steel post. Use only the best porcelain insulators. Never use rubber hose, inner tubes or bottle necks, etc., for insulators.

BROKEN INSULATORS will give trouble, so when you inspect your fence, watch to see that every insulator is in good condition.

BRANCHES, BRUSH, WEEDS, VINES; or high crops will ground your wire. See that the wire is completely free from such obstructions, and remember that weeds or vines may grow into the fence, unless watched throughout the season. The best way is to pull or burn all brush and weeds that are near to the fence.

SAGGING WIRES will sometimes touch the ground or come in contact with weeds or brush, thus causing a short which will run down your battery quickly. Broken insulators, clamps or fastenings are often the cause of sagging wires.



BROKEN CLAMPS sometime rust or break, and should be inspected occasionally.

GROUND POST should be checked carefully to see that there are no loose connections.

GATE CONNECTIONS offer opportunities for poor connections or shorts. Check at every point.

SPLICES in fence wire may be a source of trouble. If there are any splices in your fence, see that they are really tight.

IF MORE THAN ONE FENCE ENCLOSURE is operated from your RED DEVIL Fencer, and there is a short, disconnecting one fence at a time will tell you in which fence the short is located.

TROUBLE ON THE LINE is the most frequent cause of electric fence failure. Watch for the hazards explained above and you will get continuously satisfactory service from your RED DEVIL EF1 or EF2.

GUARANTEE Every RED DEVIL Fencer is constructed in a most careful manner and is thoroughly inspected and tested before shipment. It is guaranteed against defective material or workmanship. The guarantee is void if seals are broken. In case of trouble, do not attempt to adjust the sealed unit, but check your entire fence according to the instructions given on this sheet. Then, in case you cannot locate the trouble, WRITE US before complaining to your dealer. In most cases, we can give you simple instructions that will correct the trouble.

AXE AND HAMMER WEDGES

Red Devil

GRADY WEDGES

Scientifically designed for all sizes of Hammers, Hatchets, Single and Double Bitted Axes and other Tool Handles, etc., requiring sureholding Wedges. Nos. 2, 3 and 5 are generally recommended for hammers and small hatchets. All sizes are for axes, etc., according to size of handle.

AN EXTRA PROFIT FOR EVERY TOOL COUNTER, RED DEVIL manufactures and distributes these Axe Wedges under the original Grady Patent—the only patented Steel Wedges made. All are now plated to resist rust and are eye appealing. Drive one of these wedges and it will STAY wedged. Vibration cannot work it loose because it "barbs" into the wood. Unlike the ordinary cast iron product, Grady Wedges will not chip or break under heaviest hammer blows.

This Display Card Sells Them

No. 2
3 Dozen in Box
Weight, Gross
13 oz.

The best wedges ever made. A profitable item, compactly displayed on an attractive counter card. Sure Sellers all over the world.

PACKED ON DISPLAY CARDS AS FOLLOWS:

No. 5 Card—36 NO. 5's ON CARD. 24 CARDS IN CASE. WEIGHT 23 LBS.

No. 10 Card—24 NO 10's ON CARD. 24 CARDS IN CASE. WEIGHT 26 LBS.

Combination Card—36 NO. 5's AND 24 NO. 10's ON CARD. 18 CARDS IN CASE. WEIGHT 30 LBS.

No. 3
3 Dozen in Box
Weight, Gross
18 oz.

We will be glad to quote prices on bulk orders in quantities for manufacturers, for export etc.

No. 4
3 Dozen in Box
Weight, Gross
1 lb., 6 oz.

No. 5
3 Dozen in Box
Weight, Gross
2 lbs., 10 oz.

No. 10
2 Dozen in Box
Weight, Gross
4 lbs., 13 oz.

No. 15
1 Dozen in Box
Weight, Gross
7 lbs., 2 oz.

No. 18
6 only in Box
Weight, Each, 1 1/2 oz.

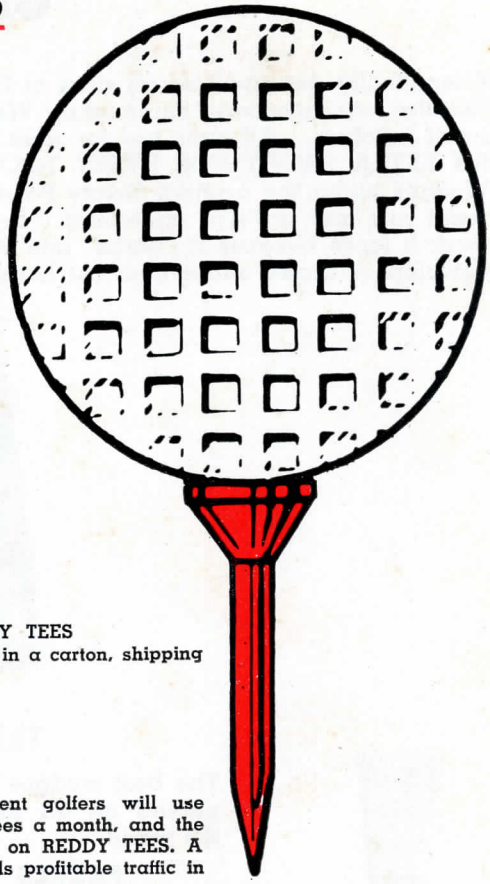
Illustrations Above Show Actual Sizes of Grady Wedges

Scientifically Designed for all sizes of Hammers, Hatchets, Single and Double Bitted Axes and Other Tools Requiring Surehold Wedges.

Red Devil

FAMOUS REDDY TEES

The original and still the largest selling golf tee on the market. The "Tee of Champions" because they're scientifically designed and manufactured to rigid professional standards. High consumer preference for the Reddy Tee on the part of professionals, amateurs and "Sunday golfers" makes them a marvelous traffic item. Made of strong, clear white birch, painted bright red for good visibility on the fairway. In the popular "Florida" size.



NOTE: At the time of publication of this catalog only the "Florida" size in red is being manufactured. However, as soon as raw materials and production problems permit, the longer "Florida" size yellow, "Standard" wood tees as well as plastic tees will be available.

RED DEVIL R T 1 REDDY TEES
Packed 18 in a box, 1 gross in a carton, shipping weight 7 lbs.

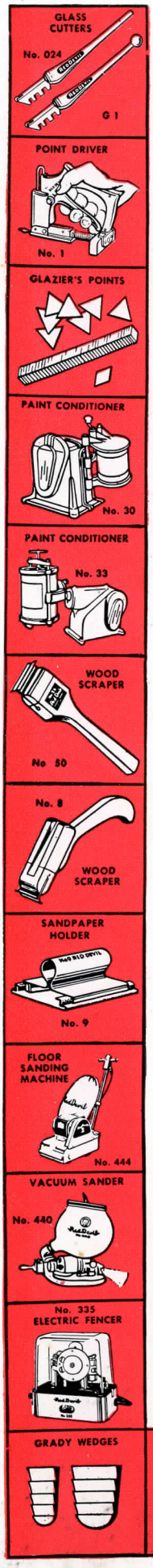
FAST SELLERS Consistent golfers will use as many as two boxes of tees a month, and the vast majority of them insist on REDDY TEES. A display of Reddy Tees builds profitable traffic in the spring, summer and fall.

The Following Registered Trademarks

Are accepted in every country in the world as the standard of quality for hand tools, machines, hardware and household specialties

Red Devil

Ball · Black Diamond · Duo Blade · Eclipse · 4 Way · Gold
Grady · Handle Hubbard · Hubbard & McClary · Imco · Indian
"It's All in the Wheel" · Jak-nife · Kitchen Devil · Kwikscour
Leader · Master · Mop · 024 · Pioneer · Red Man · Roan
Ruggard · Ste-like · Lad-R-Shu · Volcano · Master · Reddy



All Aluminum G1

NEW Red Devil GLASS CUTTER

*

Special Chapmanized Precision Steel Wheel. Bronze Bearing

A new companion to the world's standard line of RED DEVIL GLASS CUTTERS. The *all aluminum* handle gives a new lightness that makes glass cutting as effortless as using a lead pencil. The guy who cuts a lot of glass day in day out will realize the advantages of the *New* GI Red Devil.

The lightness gives the new GI cutter a sensitivity that's not been had before—it has a better feel—it works better. The *all aluminum* handle does away with any rusting—it can't rust in transit—it can't rust in the kit.

The wheel is the same precision made alloy steel wheel used exclusively in the world famous Red Devil Glass Cutters. The edge, and grinding and honing are developed under a special Red Devil process to assure a uniformly smooth wheel which needs *no breaking-in,* and gives better cuts with lighter pressure. These wheels are electrically hardened by exclusive Chapmanizing process for tougher sharpness and longer life. Oversized bronze bearing affords the smoothest running wheel.

A Product of

Red Devil Tools.

Irvington 11, New Jersey, U.S.A.

*

The New Red Devil GI *all aluminum* Glass Cutters are packed a dozen in a special display box. Complete instructions for the proper cutting of glass printed on each box.

Order the *New* GI RED DEVIL *all aluminum* Glass Cutter and other glazing tools from your favorite jobber.

Reprinted from Hardware, Paint and Glass Trade Papers

PUTTY SPREADER No. P17

GLASS CUTTER All Aluminum No. G1

PUTTY KNIFE No. P23

GLAZIER'S POINTS No. 1

BURN OFF KNIFE No. P25

GLASS CUTTER All Aluminum No. G5

GAUGE GLASS CUTTER No. 90

GLASS CUTTER No. O24

GLASS CUTTER No. O31

No. 386 CIRCLE GLASS CUTTER

GLASS CUTTER No. O32

POINT DRIVER No. PD1

GLASS CUTTER All Aluminum No. G2

CIRCLE SWEEP GLASS CUTTER No. 263

GLASS CUTTER No. O23

PUTTY SPREADER No. P19

TILE CUTTER No. 508

Red Devil

CATALOG NO. 19

GLASS CUTTERS • GLAZIERS' POINTS • POINT DRIVERS • PUTTY KNIVES • GLASS PLIERS • WOOD SCRAPERS • ELECTRIC PAINT CONDITIONERS • ELECTRIC FLOOR SANDERS AND EDGERS • ELECTRIC FLOOR POLISHERS • SANDPAPER • ELECTRIC FENCERS • AXE AND HAMMER WEDGES • PAINTERS', GLAZIERS', PAPER HANGERS' TOOLS • REDDY TEES • POT CLEANERS • ARMATURE LATHE • AIRFILTER REFILLS

RED DEVIL TOOLS. Since 1872 **Irvington II, N. J.**

GLASS CUTTER All Aluminum No. G8

GLASS CUTTER No. 45

PUTTY KNIFE No. P1

PUTTY SPREADER No. P15

GLASS CUTTER No. O8

No. 20 TRIANGLE POINTS

FLOOR POLISHER NO. FP1

GLAZIER'S HAMMER No. 8

WOOD SCRAPER No. 8

SAND PAPER No. 24

WOOD SCRAPER No. 40

No. 9 SAND PAPER HOLDER

WOOD SCRAPER No. 4

No. 1½-2½ SCRAPER BLADES

WOOD SCRAPER No. 50

WOOD SCRAPER No. 0

WOOD SCRAPER No. 18

WOOD SCRAPER No. 12

GLASS PLIER No. 410

GLASS PLIER No. 310

GLASS PLIER No. 510

GLASS PLIER No. 511

GLASS PLIER No. 210

No. 31 PORTABLE PAINT MIXER

PAINT HOOK No. PH1

No. 33 PAINT CONDITIONER

No. PT1 PAINT TRAY

No. 34 PAINT CONDITIONER

ROLLER STIPPLER No. RS1

No. 30 PAINT CONDITIONER

ROLLER PAINTER No. 89

STRAIGHT EDGE No. SE1

No. T1 WALL PAPER TRIMMER

PAPERHANGERS KNIFE No. K1

LINOLEUM KNIFE No. K23

SEAM ROLLER No. R1

GLASS DRILL No. 416

CASING WHEEL KNIFE No. SW21½

MASONRY DRILL No. M1

RAZOR BLADE HOLDER No. 13

BALL POT CLEANERS

No. RT1 REDDY TEES

No. 5 GRADY WEDGES

No. 440 FLOOR SANDER

No. EF2 ELECTRIC FENCER

FLOOR SANDER No. 444

No. EF1 ELECTRIC FENCER